

UNITED STATES DISTRICT COURT  
DISTRICT OF MINNESOTA

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In Re: Levaquin Products )  
Liability Litigation, ) File No. 08-md-1943  
 ) (JRT/AJB)  
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 )  
 ) Minneapolis, Minnesota  
 ) October 6, 2010  
 ) 2:00 P.M.  
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BEFORE THE **HONORABLE JOHN R. TUNHEIM**  
UNITED STATES DISTRICT COURT JUDGE  
(**MOTIONS HEARING**)

APPEARANCES

For the Plaintiffs:

**RONALD S. GOLDSER, ESQ.**  
**LEWIS J. SAUL, ESQ.**  
**ROBERT BINSTOCK, ESQ.**  
**KEVIN FITZGERALD, ESQ.**  
**MICHAEL LONDON, ESQ.**

For the Defendants:

**JOHN DAMES, ESQ.**  
**WILLIAM H. ROBINSON, JR., ESQ.**  
**WILLIAM ESSIG, ESQ.**  
**TRACY J. VAN STEENBURGH, ESQ.**  
**JOHN WINTER, ESQ.**

**JOHN O'SHAUGHNESSY, ESQ.**  
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Proceedings recorded by mechanical stenography;  
transcript produced by computer.

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2:00 P.M.

(In open court.)

THE COURT: You may be seated. Good afternoon, everyone. We're ready to proceed today. This is civil case MDL number 08-1943, and the individual Schedin case is 08-5743, overall In Re: Levaquin Products Liability Litigation.

Counsel, plaintiffs first, note your appearances.

MR. GOLDSER: Good afternoon, Your Honor. Ron Goldser for plaintiffs, and while I have the floor, I would like to introduce to you Michael London. Mr. London is the co-liaison co-lead counsel of the New Jersey Levaquin litigation, and he has made a special trip to join us today.

THE COURT: Very well. Welcome.

MR. LONDON: Thank you, Judge. Good afternoon.

THE COURT: I hope you're not a Yankees fan.

MR. LONDON: I can truthfully say a Mets fan.

THE COURT: Well, then, I am sorry.

MR. LONDON: So are we.

MR. SAUL: Good afternoon, Your Honor. Lewis Saul for the plaintiffs.

MR. BINSTOCK: Your Honor, Bob Binstock for the plaintiffs.

MR. FITZGERALD: Good afternoon, Your Honor.

1 Kevin Fitzgerald for the plaintiffs.

2 THE COURT: Good afternoon to all of you.

3 MR. DAMES: Good afternoon, Your Honor. John  
4 Dames for the defendants, and I, too, would like the chance  
5 to introduce John Winter seated behind me, Your Honor.

6 THE COURT: Mr. Winter.

7 MR. WINTER: Good afternoon, Your Honor.

8 MR. ROBINSON: Good afternoon, Your Honor. Bill  
9 Robinson for the defendants.

10 MS. VAN STEENBURGH: Tracy Van Steenburgh for the  
11 defendants, Your Honor.

12 MR. ESSIG: Good afternoon, Your Honor. Bill  
13 Essig for the defendants.

14 MR. O'SHAUGHNESSEY: John O'Shaughnessey for the  
15 defendants.

16 THE COURT: Good afternoon to all of you. We  
17 have quite a number of motions today. Let's see. I think  
18 five plaintiffs' motions and four defense *Daubert* motions  
19 and then the motion regarding confidential designations.

20 Okay. Mr. Goldser?

21 MR. GOLDSER: Your Honor, we've had some  
22 conversation between the parties. Also present in the  
23 courtroom is Ms. Beth Hawkins. She was here the last time  
24 at the last hearing on punitive damages. She is with  
25 Bloomberg News, and in light of her presence today and in

1 light of the issue that we had last time with confidential  
2 documents and the likelihood that we will talk about  
3 confidential documents again today, I thought it  
4 appropriate to take up the confidentiality motion first.

5 I think we can do that quickly. From there, we  
6 have agreed that the next motion will be the Seeger/Layde  
7 *Daubert* motions brought by plaintiffs. After that, we will  
8 take up the combined Smith and Zizic *Daubert* motions, which  
9 is a defense motion.

10 We also discussed the possibility of submitting  
11 several of the motions on the pleadings. That would be the  
12 Rodricks motion, the Zhanel motion and the intent and  
13 motive, corporate motive motion. So we're inclined to do  
14 that unless we somehow have gobs of extra time that we  
15 don't know what to do with.

16 I thought, although we didn't talk about it, I  
17 thought after Smith and Layde since the only ones that  
18 would be remaining are Holmes and Waymack, we would take  
19 them in that order, Holmes and then Waymack, so we conclude  
20 the day with Waymack. I know our side is prepared to go  
21 into tomorrow. It wasn't clear to me whether the Court had  
22 intended to go into tomorrow if we didn't conclude today.

23 THE COURT: The Court has scheduled interviews  
24 tomorrow morning for choosing a new magistrate judge, which  
25 wasn't anticipated before. I had the morning held, and

1       that takes all of the morning. And I've got trial in my  
2       current trial schedule tomorrow afternoon, so I think right  
3       now I don't have time tomorrow.

4               If we needed more time, we will put it back on  
5       the calendar just as quickly as we can.

6               MR. GOLDSER: Okay. The confidential motion is  
7       defendants' motion. It's their burden, so I presume they  
8       would go first on the motion.

9               THE COURT: Okay. Very well.

10              Ms. Van Steenburgh.

11              MS. VAN STEENBURGH: Thank you, Your Honor. May  
12       it please the Court. I think that the issue of the  
13       confidentiality has been fairly well briefed, Your Honor,  
14       and I was just going to make three points today with  
15       respect to that motion.

16              The first of which is to remind the Court of the  
17       context and how we got here procedurally. There was a  
18       stipulated protective order that the parties entered into  
19       in 2007 pursuant to Rule 26(c), and it was agreed upon, and  
20       the terms were agreed upon. The kinds of materials that  
21       were confidential were parsed out in the agreement.

22              Three years went by, and the plaintiffs then  
23       brought a motion to amend to add punitive damages, and it  
24       is some of the exhibits that are attached to that motion  
25       and the actual memorandum itself that the plaintiffs seek

1 public disclosure of.

2           They have never said anything within the three  
3 years during the period that they have reviewed and used  
4 the documents about challenging the confidentiality. It's  
5 only in the context of a motion to amend, and this goes to  
6 the issue of open access, public interest that the  
7 plaintiffs have raised as part of their response to the  
8 motion.

9           But it's important that this has been raised in  
10 the context of a nondispositive motion where the plaintiffs  
11 have put forth evidence, and as Mr. Goldser reminded the  
12 Court several times, defendants are not allowed to provide  
13 any evidence and the Court cannot consider any evidence.  
14 And now the plaintiffs want to release that information on  
15 the grounds that gee, public access is, it's an open court  
16 system. The public has an interest.

17           The cases that really talk about judicial  
18 openness and open courts and releasing briefs and documents  
19 are often in the context of a dispositive motion where each  
20 side has an opportunity to fully brief and use exhibits.  
21 If you look at Judge Frank's *CMJ* decision, you will see  
22 that he looked at that very issue.

23           It was a summary judgment motion in which that  
24 was decided, and even in the context of a summary judgment  
25 motion, there were pages and pages of documents that Judge

1 Frank still withheld pursuant to the protective order.

2 So there is a context in which we need to put  
3 this, and it is not just access is absolute and for all  
4 purposes, which then brings us back to the actual  
5 protective order in this case. There is a presumption when  
6 you enter into these that there is good cause for keeping  
7 certain documents confidential.

8 And the plaintiffs here have challenged us with  
9 respect to 61 of the documents, and defendants have, we  
10 believe, provided good cause to the Court within three  
11 categories that we put together. If in fact the Court  
12 would prefer an individualized document by document review  
13 of each of the documents, we are happy to do that.

14 THE COURT: I think dividing them into three  
15 categories made sense to the Court.

16 MS. VAN STEENBURGH: Okay.

17 THE COURT: If there is any particular document  
18 that is exceptional in one way or the other, you're  
19 certainly free to raise it.

20 MS. VAN STEENBURGH: All right. And we did go  
21 through on pages 6 through 10 the reasons under each of  
22 those categories why there was good cause, and frankly, the  
23 plaintiffs nibble at the margins but really do not attack  
24 any of those reasons and just attack on a few grounds.

25 For example, they argue that the documents are

1       stale. They don't provide specifics as to documents.  
2       Maybe the marketing documents are stale, but as the Court  
3       in the *Brookdale* case, and I think the Court here can  
4       understand, many marketing documents would be interesting  
5       documents to competitors, and those documents remain  
6       confidential.

7               There are other documents, for example, documents  
8       having to do with discussions relative to an indication  
9       that J & J was looking to seek from the FDA regarding  
10      Levaquin that they didn't pursue. Competitors would be  
11      very interested to see what that discussion was and what  
12      those indications were.

13             So even though those discussions happened many  
14      years ago, the fact that they happened many years ago does  
15      not necessarily make them nonconfidential or that there  
16      isn't good cause to keep them confidential again.

17      Similarly, as the Court probably knows from some of the  
18      other briefing, there is a licensing agreement that J & J  
19      has with Daichi, and there are obligations, contractual  
20      obligations and other marketing partner obligations that  
21      the company honors in terms of the information that is  
22      gathered and shared among marketing partners.

23             And thus, that information, too, is confidential  
24      and should remain so because those relationships continue  
25      up to this day. It's not as though those relationships



1 have gone away.

2 The plaintiffs argue, well, you know, none of the  
3 stuff is a trade secret, but that's not the criteria by  
4 which good cause is to be judged here. There are specific  
5 categories within the protective order that the plaintiffs  
6 agreed on and now want to renege on and say well, really  
7 you need to show that it was a trade secret.

8 We don't think that that is the standard by which  
9 the good cause should be judged. They also argue that  
10 well, we can get some of these documents under a FOIA  
11 request, and that may be true, but the criteria for a FOIA  
12 request and what may be confidential based upon our  
13 competitive interest could be very different.

14 In fact some of those FOIA or the MCA documents  
15 were redacted, so there is even a recognition by some of  
16 the regulatory authorities that there is confidential  
17 information. In fact, one of the documents itself was  
18 marked confidential by a regulatory authority in  
19 recognition that there was some confidential research and  
20 development information.

21 One of the things that the Court, we believe the  
22 Court should look at, and the Eighth Circuit has said this,  
23 is what is the hardship on the defendants? There is the  
24 potential for competitive harm in terms of research and  
25 development, commercial interests, but what is the hardship

1 to the plaintiffs. Here there is none, Your Honor.

2 They have had access to the documents. They can  
3 continue to use the documents. There is no harm to the  
4 plaintiffs. The only harm that they're claiming here, and  
5 this is where they are trying to claim that there is a  
6 compelling interest that would somehow surpass the need for  
7 confidentiality, is some kind of public health interest.

8 And frankly, we believe that's a ruse. That is,  
9 there is nothing to the public health argument. What they  
10 say in their brief is, if these documents and the brief are  
11 released, this will spur more thoughtful discussion between  
12 prescribers and patients. Yet some of the documents  
13 include lists of vendors that were used for things or a  
14 business plan or who was going to have responsibility as  
15 between the marketing partners for certain research.

16 None of those documents are going to spur  
17 conversations between patients and physicians. The public,  
18 they say too much about the public health interest here.  
19 There is some claim also that people are liable to die.  
20 We're not aware of any cases of wrongful death in the MDL  
21 claimed as a result of Levaquin.

22 And again, the public health interest, as I  
23 indicated before, there are some documents talking about  
24 another indication that hasn't been necessarily approved or  
25 they didn't pursue with the FDA, how that would spur

1       conversations between patients and their physicians is  
2       unknown.

3               The public health claim is not a compelling  
4       interest here. There is a compelling interest by  
5       defendants to maintain certain confidentiality, and we have  
6       been very careful to go through those documents, release  
7       the ones -- there were even a few where literature was  
8       marked because it was on top of an e-mail.

9               The literature comes off because of course that  
10       is not confidential, but we have been very careful to mark  
11       those documents and maintain the confidentiality of the  
12       documents that are business, proprietary, trade secret,  
13       commercial, research and development, all of those  
14       categories that remain under the protective order.

15              Thank you, Your Honor.

16              THE COURT: Thank you, Ms. Van Steenburgh.

17              Mr. Goldser?

18              MR. GOLDSER: Thank you, Your Honor. I think  
19       Ms. Van Steenburgh misplaces the burden of proof on this  
20       motion. The original protective order was entered into for  
21       the convenience of the parties to facilitate the discovery  
22       in this case.

23              The protective order specifically makes clear  
24       that if there is a demand by plaintiff for the removal of  
25       confidentiality, the burden is on the defendant to show

1       that confidentiality applies. There is no presumption of  
2       good cause anywhere. The order specifically takes that  
3       presumption, if any exists in the law, away.

4               The burden is defendants' to show that there is  
5       good cause and that the harm to them is, outweighs any  
6       benefit to the public health, but several things about this  
7       motion just completely perplex me. Ms. Van Steenburgh  
8       starts talking about the notion of, this is a one-way  
9       motion and only plaintiffs' documents are going to be  
10      disclosed.

11             Well, I invite the defendant to withdraw the  
12      confidentiality designation of the five million or so  
13      documents that they have designated confidential throughout  
14      the course of this litigation. If they want to make their  
15      case in the public, they're more than welcome to make their  
16      case in the public.

17             We have only sought the D designation of 115  
18      documents of which defendant now contests, I think some, I  
19      think the number is 65. They have withdrawn their  
20      designation of confidentiality of half of the documents  
21      that we have already talked about.

22             The ones they still claim are confidential in  
23      many respects are quite curious. For example, actually the  
24      ones that they have withdrawn their confidentiality claims  
25      on make their argument disingenuous and internally

1 inconsistent, for example. All of plaintiffs' expert  
2 reports, Martin Wells, Martyn Smith, Tom Zizic, Cheryl  
3 Blume, a number of the depositions that we cited, Carl  
4 DeStefanis, George Zhanel, their expert, Daniel Fife, their  
5 internal epidemiologist who by the way they are not  
6 planning to call to trial, James Kahn, Dr. Waymack, their  
7 expert epidemiologist, Dr. Seeger, all of those deposition  
8 transcripts, all of those reports have not been included as  
9 confidential.

10 And every last one of those contains substantial  
11 citations to documents, either by citation or by quotation.  
12 So we have depositions where confidential documents are  
13 used that have not been designated as confidential or where  
14 the confidentiality is waived. We have documents that were  
15 used last week in court where this Court allowed some of  
16 those documents to be opened up.

17 There will be documents that are going to be used  
18 in trial, which will be a public trial and open to  
19 everybody to see, to see those documents. I rather would  
20 be surprised if this Court excluded from the trial  
21 Ms. Hawkins or anybody else from the public.

22 We have so many of these documents used in expert  
23 reports. We have --

24 THE COURT: What do you need the documents for  
25 now at this time, Mr. Goldser?

1           MR. GOLDSER: The reason this comes up now, Your  
2 Honor, is we have reached the stage where we have been able  
3 to cull down the documents and identify from our  
4 perspective the documents that are important.

5           The last step in the analysis, if you reach it  
6 because you have found that the defendant has made a  
7 showing of good cause, that they have made a showing of  
8 specific, serious and clearly defined injury, only then do  
9 you get the question of balancing what it is that  
10 plaintiffs intended to use the documents for.

11           Last week on September 30th, the CEO of Johnson &  
12 Johnson appeared before Congress in response to the issue  
13 of a number of the recalls that Johnson & Johnson has  
14 experienced in the last year. There were two in particular  
15 that were being discussed that day, the recall of Motrin --  
16 retrieval and recall of Motrin products and the recall of  
17 the Children's Tylenol.

18           And Mr. Weldon, the Johnson & Johnson CEO, says  
19 things like, it is essential that we work closely with  
20 Congress, the FDA and others to restore the public's  
21 confidence in McNeil consumer healthcare products. He  
22 says, it is critical that the public have accurate  
23 information about what transpired at McNeil and how we came  
24 to have a string of product recalls.

25           Not only might there be a public discussion of

1 issues of this kind, Your Honor, there are public  
2 discussions of issues of this kind, and they are pending in  
3 front of Congress at this very time.

4 And so while we talked in our brief about the  
5 fact that there are many patients out there who have taken  
6 Levaquin and who will continue to take Levaquin and who  
7 have never ever before heard the notion that Levaquin has  
8 greater tendon toxicity than any of the other  
9 fluoroquinolones, that was what we cited in our brief.

10 But then we realized that Mr. Weldon made these  
11 statements in front of Congress, and we would love to let  
12 Congress see what is going on in this litigation at the  
13 same time that they are evaluating all of the other recall  
14 issues.

15 So it's important to patients. It's important to  
16 doctors that they see some of this information, and  
17 apparently, it's important to Congress. We don't think  
18 this Court should keep this information from those people.

19 Thank you very much.

20 THE COURT: Ms. Van Steenburgh?

21 MS. VAN STEENBURGH: A couple of things, Your  
22 Honor, in response to Mr. Goldser. First of all, there is  
23 no misplacement of the burden of proof. We have the burden  
24 of proof. That's true. We believe that we have shown good  
25 cause, and in fact the plaintiffs, if you look at their

1 memo, really do not take after any of the reasons that we  
2 have explained.

3 There has been good cause shown, and as again,  
4 the plaintiffs nibble around the edges but really never get  
5 to that good cause.

6 THE COURT: Mr. Weldon's testimony, does that  
7 change the ball game here?

8 MS. VAN STEENBURGH: No, it shouldn't change the  
9 ball game here. This is not -- again for a couple of  
10 reasons. One, in terms of the posture of where this is,  
11 Mr. Goldser said this is a one-way motion. This is not a  
12 one-way motion. This is about judicial access, open access  
13 to the Court.

14 They have collected and culled certain documents  
15 and now want to make those documents public. It is not  
16 appropriate to say, well, then why don't you just release  
17 five million documents, and we'll just make all of this  
18 public to the Court.

19 This is not something that is subject to a  
20 congressional inquiry. This is not something that someone  
21 has taken to a congressman. There has been no indication  
22 here at all that anyone has taken this to Congress or this  
23 rises to some kind of inquiry that Congress would want to  
24 know. That is a red herring. That is something that has  
25 been used by plaintiffs based upon information in the



1 newspaper.

2 Second of all, with respect to the deposition  
3 transcripts, all the deposition transcripts are not  
4 included wholesale as part of the exhibits. So Mr. Goldser  
5 is saying that all of these transcripts were included as  
6 part of the exhibits isn't true. There are limited  
7 transcripts.

8 And with respect to the expert reports, we have  
9 consistently filed those expert reports, if we used them as  
10 part of a motion, under seal if they contained information  
11 about confidential documents. So we have maintained  
12 consistency with respect to those.

13 Mr. Goldser's comment about trial? There is a  
14 provision in the stipulated protective order, I believe it  
15 is paragraph 10, that talks about the Court employing a  
16 mechanism, if necessary, to keep some of these documents  
17 confidential at trial. It isn't that anybody has waived it  
18 and we're going to open this up at trial.

19 THE COURT: What do you anticipate at trial? Say  
20 several of these documents, if they're still subject to the  
21 protective order, need to be used either by you or by the  
22 plaintiffs. What are you anticipating?

23 MS. VAN STEENBURGH: One of the things that I  
24 have thought about, what we are going to try to do is cull  
25 down with the plaintiff to see if there are any joint

1 exhibits, so if there are joint exhibits and any of them  
2 are confidential documents, we would have to establish a  
3 procedure that we would try to work out with the plaintiffs  
4 for keeping those confidential.

5           Either those would be confidential during  
6 testimony and there would be no one in the courtroom at  
7 that time, or we could work out some other mechanism. If  
8 there are other documents that are going to show up on  
9 plaintiffs' list to which we object and those are admitted  
10 and there is testimony about those, we will have a  
11 mechanism in place, again try to work something out with  
12 the plaintiffs prior, but we will certainly consult with  
13 the Court on that.

14           Finally, I do have to say that in response to  
15 your question, why is it they need these documents now?  
16 Mr. Goldser said that they culled down the documents to  
17 just a few documents. We just got their trial exhibit  
18 list. It's 1423 documents. Culling it down, apparently,  
19 from five million I suppose down to 1423 is a lot, but  
20 there are a lot of documents.

21           It is not really a question of culling down the  
22 documents, and these are the ones that they need access to,  
23 and these are the ones that need to be publicly disclosed.  
24 We maintain that we have shown good cause, Your Honor, and  
25 in fact that the confidentiality should remain.

1 THE COURT: Thank you, Ms. Van Steenburgh.

2 One question for you, Mr. Goldser: Is there any  
3 specific issue that is contained in these documents,  
4 whether it's 61 or 65, I'm not sure, that patients and  
5 doctors aren't aware of right now with all the publicity  
6 that has surrounded this case and these types of drugs?

7 Is there anything specific that is in there that  
8 there is no public notice of?

9 MR. GOLDSER: There are two issues that come  
10 immediately to mind. One I already mentioned, and that is  
11 the question of whether or not levofloxacin has greater  
12 tendon toxicity than the other fluoroquinolones.

13 Johnson & Johnson to this day denies that, and  
14 they set up the Ingenix study in order to allegedly prove  
15 that fact. The medical literature that exists on the  
16 subject, some of it is published but in very obscure  
17 journals, and much of it is not published and is internal.

18 So doctors to this day don't know that if they  
19 have a choice between prescribing for a respiratory patient  
20 Levaquin versus Avelox that they need to prescribe Avelox  
21 because --

22 THE COURT: Isn't that an issue that we're going  
23 to address at trial?

24 MR. GOLDSER: Whether or not that's true?

25 THE COURT: Yeah.

1           MR. GOLDSER: Why isn't it the case that doctors  
2           have the right to know what the medical literature is  
3           regardless of what happens at this trial? Why don't they  
4           get to know that?

5           The other thing that doctors need to know as the  
6           Ingenix study is touted is how that Ingenix study came  
7           about, both its genesis, why it was done and perhaps more  
8           importantly, how it was done. And it's our position it was  
9           done poorly and nonscientifically.

10          And to the extent that our witnesses have  
11          strongly held opinions that other doctors would be  
12          interested in knowing about, about whether this study is  
13          valid or not valid, we think that's important to be known  
14          in the scientific community.

15          Those are the two immediate responses that I come  
16          up with in answer to your question.

17          THE COURT: Ms. Van Steenburgh?

18          MS. VAN STEENBURGH: I am just a little  
19          perplexed. What I heard Mr. Goldser say was, just as you  
20          said, Your Honor, I have the same question as to whether it  
21          has greater tendon toxicity, the issue at trial.

22          But he said that some of the studies are  
23          published in obscure journals. Well, I am not sure that it  
24          is -- I guess those doctors have access to the journals  
25          that they want to subscribe to, and they can do their own

1 research. It isn't an obligation of ours to tell them what  
2 they need to look at.

3 Second of all, I think the Court was suggesting  
4 that there is information out there. There is a black box  
5 right now, and a black box is put in a certain place so  
6 that a doctor can talk with his or her patient if he wants  
7 to in terms of what is on the label with respect to that.

8 The other thing that is a little perplexing is  
9 Mr. Goldser said, well, our witnesses want to be able to  
10 talk about how the Ingenix study came about. I don't know  
11 what he has in mind, whether his experts are going to go  
12 visit with doctors and explain all of this or what is going  
13 to happen.

14 That doesn't really translate into, disclosure of  
15 the documents turns into something that physicians need to  
16 know, especially if witnesses are going out there and  
17 calling on physicians.

18 Thank you, Your Honor.

19 THE COURT: Anything else, Mr. Goldser?

20 MR. GOLDSER: No. We will submit on the record,  
21 Your Honor.

22 THE COURT: Okay. Well, on this one, I'm going  
23 to grant defendants' motion to protect these remaining  
24 documents. I don't see at this stage so close to the trial  
25 in this case a compelling reason to release the remaining

1 confidential documents. I think at least by category the  
2 defense has demonstrated a continuing reason for  
3 protection.

4 I think any and all of them, of course, are  
5 subject to re-designation during the course of the  
6 litigation, and in particular, if there are any of these  
7 documents that are to be used at trial, I think we should  
8 focus in on the particular documents at the time to  
9 determine how best to treat them.

10 And the Court's preference, of course, is to make  
11 sure that they're public, but I don't see a reason at this  
12 stage for release of these documents. The plaintiffs'  
13 lawyers have full access to them, and it seems that they  
14 are being designated as trial exhibits.

15 And when we get down to the basics for the trial,  
16 I think that's the time where we need to zero in on some of  
17 these documents, and some of them may well be released  
18 publicly at that point in time.

19 Let's go on to the motions.

20 MR. GOLDSER: The first motion that will be  
21 presented, Your Honor, will be on Dr. Seeger and Dr. Layde,  
22 and if you would just give me a second to set this up for  
23 Mr. Saul.

24 For some reason I don't get it up on my screen  
25 here. Of course today is the day that it doesn't work.

1 THE COURT: Okay. Are we set? Very well.

2 Mr. Saul.

3 MR. SAUL: Thank you, Your Honor. May it please  
4 the Court. Lewis Saul, S as in Sam a-u-l, on behalf of  
5 plaintiffs. This motion is brought on behalf of plaintiffs  
6 to exclude in whole the testimony of Dr. Seeger.

7 Dr. Seeger is the lead author of a study by, his  
8 study is entitled Achilles Tendon Rupture and Its  
9 Association with Fluoroquinolone Antibiotic and Other  
10 Potential Risk Factors in Managed Care Population. We move  
11 the Court to exclude Dr. Seeger's testimony because it does  
12 not meet the standards of *Daubert versus Merrell Dow Pharm,*  
13 *Inc.*

14 The standards that are enunciated in *Daubert*, I  
15 would like to pass out my slide presentation, if I might,  
16 Your Honor. As the Court knows -- well, let me regress a  
17 bit. A week or two ago, we argued a motion for punitive  
18 damages, and we explained to the Court what the Ingenix  
19 study was and why it was performed in plaintiffs' view.

20 To refresh the Court's memory, around 2001, there  
21 were regulatory questions in Europe concerning Levaquin and  
22 tendon toxicity. Johnson & Johnson while having no  
23 interest in Europe, selling no Levaquin in Europe, went to  
24 its trading partner Aventis, who sold Levaquin in Europe,  
25 and said we will take over the study.

1           The sole reason for taking over the study was to  
2     protect its market in the United States. The study that  
3     they conducted was intentionally designed to reach a result  
4     that they, that they wanted to reach. In fact 16 studies  
5     before it had found a -- that there was an increased, that  
6     there were increased tendon disorders with ofloxacin and  
7     levofloxacin.

8           This is the only study that has ever found that  
9     there is not an increased risk. The *Daubert* criteria, it's  
10    slide one, are, there are four criteria: Whether the  
11    expert's theory can be tested objectively? It cannot.  
12    Whether it has been subject to peer review and publication?  
13    It has not. The existence and maintenance of standards and  
14    control? There were none. Whether the scientific evidence  
15    offered has been generally accepted in the scientific  
16    community? It has not.

17           For each and every one of these particular  
18    criteria, Dr. Seeger's study, Ingenix, going forward, the  
19    Ingenix study, it does not meet the minimum standards for  
20    scientific authenticity.

21           THE COURT: Let me ask you a question, Mr. Saul:  
22    At trial in this case or in the Schedin case, do you intend  
23    to introduce or discuss the Ingenix study at all?

24           MR. SAUL: We do, Your Honor. We're simply  
25    moving today to exclude the study -- Dr. Seeger's testimony



1       regarding the issue. We intend to use it for all other  
2       purposes to show that they did a study for marketing  
3       purposes, that they did it in order to control the market  
4       and that it was done for purposes other than which it was  
5       designed.

6               THE COURT: But wouldn't Dr. Seeger be the only  
7       person who can really testify as to why things were done as  
8       they were, illuminate the study, which would be part of the  
9       evidence?

10              MR. SAUL: Your Honor, I probably shouldn't be  
11       saying this, but if you said to me today, if either the  
12       whole study goes in or you're not referring to it, I'll  
13       take the whole study. We will have to parse out the  
14       scientific aspects as compared to why the study was done  
15       and the reason therefor and why it is a basis for our  
16       punitive damage claim and it actually is the basis for,  
17       it's the center of our claim.

18              THE COURT: Mr. Seeger was the designer of the  
19       study, correct?

20              MR. SAUL: He, Dr. Seeger, Daniel Fife who is the  
21       lead of epidemiology at Johnson & Johnson and Alec walker,  
22       Dr. Seeger's mentor and higher up at Ingenix, they were the  
23       architects of the study.

24              THE COURT: And then was he also then the, for  
25       lack of a better term, the chief scientific person on the

1 study?

2 MR. SAUL: He was, Your Honor.

3 THE COURT: Go ahead.

4 MR. SAUL: As I go through this, I'm going to  
5 talk about each of those three people that we just  
6 mentioned. I'll try to be brief. I know we don't have  
7 much time, but I do want to cover all bases here.

8 So let me first talk about Ingenix. It is slide  
9 two of the presentation. Ingenix is an arm of  
10 UnitedHealthcare. It's here in Minnesota. It's a large  
11 healthcare insurance company. They sell insurance and they  
12 pay claims.

13 They have a database. They have a claims  
14 database after they pay claims. For instance, if you have  
15 a sprained wrist, they have a code for the sprained wrist,  
16 and they pay \$300 for a doctor's visit. They have that  
17 database.

18 They perform studies on drug safety for  
19 pharmaceutical companies, including Johnson & Johnson.  
20 They regularly perform studies for Johnson & Johnson, and  
21 they receive substantial income from Johnson & Johnson.  
22 They were the developers of the Ingenix study with  
23 Johnson & Johnson, the study that we're talking about, and  
24 it was finally published in 2002.

25 There were three architects of this study. Alec

1 Walker, he was the head at Ingenix. He was the head  
2 epidemiologist. He was a person -- I'm sorry. He was a  
3 personal friend of Daniel Fife.

4 Daniel Fife was the director of epidemiology at  
5 Johnson & Johnson. Alec Walker was John Seeger's advisor.  
6 He was his professor, and he was his mentor at the School  
7 of Public Health at Harvard University, and he was also  
8 responsible for John Seeger being hired at Ingenix.

9 This is important, and I want to give the Court a  
10 frame of reference. The article was finally published in a  
11 publication called Pharmacoepidemiology and Drug Safety in  
12 2006, so I want to talk about how these three parties were  
13 related to this particular publication because it goes to  
14 the issue of was the article peer reviewed. It was not.

15 From 1994 through the present, Dr. Walker was the  
16 editor and editor of Pharmacoepidemiology and Drug Safety.  
17 From 2006 to the present, he was on the board of directors  
18 of the International Society For Pharmacoepidemiology,  
19 ISPE, and ISPE is the organization which owns the  
20 publication, or it is the publication of the organization.

21 He was the past president of ISPE. He was the  
22 chief editor of Pharmacoepidemiology and Drug Safety, and  
23 he was coauthor of the Ingenix study.

24 Now, Daniel Fife was the director of epidemiology  
25 and drug safety and surveillance at Johnson & Johnson. He

1 is the head epidemiologist, and he was actually the  
2 architect of the study. When you asked before about what  
3 sort of documents, we had many e-mails as to how he helped  
4 create the protocol for the study.

5 He was a personal friend of Alec Walker's. He  
6 testified to this. He was a member of ISPE. From 2003  
7 when the study was completed to 2006 when it finally got  
8 published, he was on the publication committee for  
9 Pharmacoepidemiology and Drug Safety. He was on the  
10 editorial board of Pharmacoepidemiology and Drug Safety,  
11 and he recommended the article be published in this  
12 particular journal.

13 Who is John Seeger? John Seeger is a pharmacist.  
14 I wrote here. I'm sorry. Let me go through this. I meant  
15 to say he had a PhD in epidemiology. In the slide I said  
16 pharmacology. I apologize. When he commenced work at  
17 Ingenix, this was his first epidemiological study as an  
18 employee, and it was the first study that he was a project  
19 manager for.

20 As I said, Alec Walker was his professor,  
21 et cetera. He was the principal investigator, as we  
22 discussed before, of the Ingenix study. What Dr. Seeger is  
23 not: He is neither a medical doctor, and he has no  
24 training or expertise in medicine or medical training. He  
25 has never seen a patient with a tendon rupture, nor has he

1       ever prescribed a medication. We will see how this is  
2       important.

3               The first criteria, the first *Daubert* criteria,  
4       can the expert theory be tested objectively? It cannot.  
5       For no other reason, I could stop my presentation now.  
6       Daniel Fife, the head of epidemiology who designed the  
7       study, stated under oath as follows on March 25th, '09:

8               So I think the simple answer to your question is,  
9       it would not be possible to reconstruct the data.

10              Their own, the head epidemiologist at Johnson &  
11       Johnson said, we cannot reconstruct the data. It's gone,  
12       and I'm going to get to how the abstraction forms were  
13       destroyed by Dr. Seeger. We discussed it during the  
14       punitive damages motion, and I will discuss it again.

15              Question?

16              THE COURT: No.

17              MR. SAUL: Alec Walker testified, if I wanted, if  
18       I wanted to or if I wanted to get one of my doctors to  
19       review to see if they agreed with your researchers whether  
20       or not this was the case or not, would we look at the  
21       abstraction forms, is that correct?

22              If it still existed.

23              But that's the only way we could check your work,  
24       right?

25              That's the only way we could check it, yes.

1                   And if it's not there, then we couldn't check it?

2                   That's correct.

3                   It's not there. The algorithms, the abstraction  
4           forms, the medical records, they were all destroyed by  
5           Dr. Seeger under his tutelage. The abstraction forms, the  
6           medical records were destroyed under the tutelage of  
7           Dr. Seeger.

8                   Approximately one month, Your Honor, after we  
9           filed the first Levaquin case in this court, the medical  
10          abstracts and medical records were destroyed under the  
11          direction of John Seeger. I will not read this to the  
12          Court. I read it during our punitive damage argument, and  
13          he takes responsibility.

14                   The last line: Yes, it would have been -- that  
15          was -- it was my decision, and it followed one of those two  
16          scenarios -- saying the documents were destroyed.

17                   And what month is that?

18                   2006. It would have been October. I think it  
19          was late October. It was in the fall.

20                   The first case in this court was filed September  
21          15th. One month after the case was filed, all the  
22          underlying data was destroyed, gone. Dr. Seeger now, in  
23          order to determine whether someone was a case, whether they  
24          had Achilles tendon rupture, Dr. Seeger developed an  
25          algorithm.

1           How he developed the algorithm was, they pulled  
2     out anyone who had an Achilles tendon rupture from this  
3     billing database UnitedHealthcare. They had 1700 some  
4     potential cases. They then randomly selected 300 and, in  
5     round numbers, 350 of those cases to go and get the medical  
6     records.

7           There was an abstraction form that was created in  
8     which to get these medical records, and if I could, I would  
9     like to pass a copy to the Court.

10          THE COURT: Go ahead.

11          MR. SAUL: Thank you. I have passed my copy to  
12     the Court, but I am relatively familiar with it. This is  
13     about a 10 or 15 page document, and it goes through every  
14     kind of condition one could have. It goes through whether  
15     you had an Achilles tendon rupture, what kind of  
16     medication, you had, did you have these what they call  
17     covariates in them. It asks any question that they were  
18     studying.

19          They sent investigators out to pick 300 -- to get  
20     medical records on 350 patients. The reviewers took that  
21     abstraction form, made it out, attached certain medical  
22     records. Dr. Seeger determined in his, himself what, what  
23     healthcare providers to go and get these records. They  
24     paid \$250,000 to get these abstracts done.

25          Dr. Seeger testified he looked at five or ten of

1       them and then had no use for them and didn't look at them  
2       again. First Seeger testified, and I'm going to spend a  
3       little bit of time on that, that he reviewed only a few  
4       abstract forms, and later he testified to the fact he read  
5       all of the abstraction forms. He has -- I'm going to read  
6       the testimony. It will just take a short time.

7               The things called the abstraction forms, you say  
8       you never looked at them, right?

9               Right.

10              Or the vast majority?

11              I looked at some of them, but the majority of  
12       them --

13              Yeah, twelve or something, under ten?

14              There were about 350 of them.

15              Something on that order.

16              Then he testifies later or the next day or the  
17       next day of deposition: Now you had all this information  
18       in these abstraction forms, and yet you never looked at  
19       this?

20              On occasion, on the few that I did look at that,  
21       I did, but no.

22              Next stanza: I would have noticed the fact that  
23       there was an abstraction form there, but I didn't look  
24       specifically at the abstraction form.

25              There is no time that you ever reviewed these



1       abstraction forms?

2               Except for those first five or ten.

3               So then: Who wrote this out?

4               This was written by me, yes.

5               Typed by you and everything?

6               Referring to abstracts.

7               Yes.

8               Okay. You wrote on here --

9               Oh, no. I apologize, Your Honor. At the end of  
10       the project, they -- each person that worked on the project  
11       made out a self evaluation form. Dr. Seeger made out an  
12       evaluation form. He wrote, and I was asking him here who  
13       made this out. He said he made it out himself.

14               On the abstraction process, and it says, he wrote  
15       this in his own hand: On the abstraction process and read  
16       all of the returned abstracts to arrive at a determination  
17       of case status. I read all of the abstractions.

18               That was a self evaluation.

19               Yes, it is.

20               You read all the return abstracts?

21               Yes.

22               And that's what you testified about previously in  
23       your deposition?

24               Yes, it is.

25               First he says he didn't read them. Then we get

1 the documents that say he acknowledged reading all of them,  
2 and then he says that's what I testified to earlier. His  
3 testimony is clearly incredible.

4 Now what is also interesting and very disturbing,  
5 and reluctantly I bring this up to the Court, but we --  
6 there is evidence in the record that these abstraction  
7 forms still exist and that Johnson & Johnson has them.  
8 When we had -- when Dr. Fife was at a deposition and I was  
9 examining him, I asked Dr. Fife about what did he review in  
10 preparation for this deposition. He testified, and this is  
11 the testimony before you, Your Honor.

12 He testified with specificity that I reviewed the  
13 abstract forms. He testified with specificity, I did not  
14 review the medical forms. I know it was the abstract forms  
15 that I reviewed. I asked him over and over, and his  
16 testimony is clear that he said that he reviewed the  
17 abstract forms, and he was sure of it.

18 There was a break in the, a five-minute break  
19 because we do that every hour in a deposition. He comes  
20 back, and he says after a five-minute, well, I'm not sure.  
21 Maybe it was a medical record that I reviewed. I'm just  
22 not sure.

23 I asked him specifically, Dr. Fife, he's a  
24 medical doctor. Did you review a medical record? No, it  
25 was not. It was the abstraction form. He even referred to

1       it, what I proffered to the Court today, the abstraction  
2       form, and he said it was attached to the protocol. That's  
3       what I reviewed.

4               I asked Mr. Robinson for a copy of that document,  
5       and Mr. Robinson said, I don't know what you're talking  
6       about. I can't give you what I don't know what you're  
7       talking about, but there is clear evidence that Dr. Fife  
8       has or that the defendant has in their possession these  
9       abstract forms.

10              Noteworthy, Your Honor, is that there is one  
11       witness that they refuse to call at trial, and I've asked  
12       if they will bring him to trial because we would like to  
13       call him in our case in chief, and that's Dr. Fife. And  
14       Mr. Robinson says, we will not bring him to trial and you  
15       can't have him as a witness.

16              Now, back to the study and publication. One of  
17       the *Daubert* criteria, was the work subject to peer review?  
18       In the Johnson & Johnson contract with Ingenix, Ingenix was  
19       to publish the final article in five publications. They  
20       were listed. They were New England Journal of Medicine.  
21       They submitted it, rejected.

22              JAMA, rejected. Annals of Internal Medicine,  
23       rejected. Archives of Internal Medicine, rejected.  
24       Lancette, rejected by all. So what did they do? Dan Fife  
25       said, well, why don't you come, and we'll publish it in

1 the, in Pharmacoepidemiology and Drug Safety where Walker  
2 is an editor, where Fife is an editor, where Walker was the  
3 past president. It was even rejected in the first instance  
4 by Pharmacoepidemiology and Drug Safety.

5 Finally, it got published, and that was the only  
6 place that would accept this publication, and I suggest to  
7 the Court that that is not fair peer review. There was no  
8 peer review, and also that the reviewers knew that Alec  
9 Walker and John Seeger and Dan Fife were all authors, they  
10 testified to that, on the study.

11 Now, Dr. Layde is the defendants' epidemiologist,  
12 Peter Layde, who we will deal with that issue after this  
13 one. And he is their epidemiologist, so at deposition, I  
14 asked Dr. Layde that he -- strike that.

15 Dr. Layde at his deposition stated that the  
16 destruction of documents -- stated the destruction of  
17 documents failed to meet proper standards, and that's  
18 another *Daubert* criteria, that you have to save the  
19 underlying data so that others who read this, publish the  
20 peer reviewed study can go back and ask questions and see  
21 if it met *Daubert* standards in the scientific community.

22 Dr. Layde said: And my understanding is that  
23 those chart abstraction forms were not saved or not  
24 currently available at least.

25 My question was, Did you find that a problem?

1 I think that is currently not ideal  
2 epidemiological practices. That's absolutely the case. My  
3 recollection is that they said this was lost in a move, and  
4 that's, you know, unfortunate. It's not what it should  
5 have been.

6 Their own expert that they submitted as an expert  
7 in this case says that that's not appropriate  
8 epidemiological methodology. Now, there are standards for  
9 keeping documents. There are two that we point to here.

10 One is the International Society of  
11 Pharmacoepidemiology, ISPE, guidelines for archiving. To  
12 refresh the Court's recollection, ISPE is the organization  
13 that Dr. Walker was the president of. He authored these  
14 guidelines. Those guidelines say in relevant part, the  
15 archives should be maintained for at least five years after  
16 the final report or first publication of study results,  
17 whichever comes later.

18 Their own author said that these have to be  
19 maintained for five years, and yet they were destroyed  
20 several months after the final publication and one month  
21 after the first filing of a Levaquin case in this court.

22 Ingenix had their own standard operating  
23 procedure that was being passed around in 2003 that was  
24 finally effected in 2006, six months before they destroyed  
25 the documents in this case, and those were what they had to

1       preserve, and it even said abstraction forms, for five  
2       years after the publication.

3               Dr. Seeger tries to get around that by saying,  
4       oh, that only applied to studies that were commenced before  
5       the SOP. Blinding, for this fact alone that this should  
6       not be admitted into evidence. Instance report and all  
7       epidemiologists I believe agree that when an association,  
8       when an association between an exposure and an outcome is  
9       being studied, it is critical that the assessor of the  
10      outcome is blinded to exposure.

11             In other words, if they're studying  
12      fluoroquinolones or Levaquin and tendon rupture, the person  
13      that assesses whether the person had a rupture has to be  
14      blind. They can't know whether there is a fluoroquinolone  
15      used or an antibiotic or Levaquin.

16             Dr. Seeger, after much testimony and after days  
17      of testimony, admitted that he was unblinded to  
18      fluoroquinolone use. It was underlined because it was  
19      crossed out. He knew. He knew at every stage of this  
20      study what particular -- that there was a fluoroquinolone  
21      involved and which fluoroquinolone it was.

22             He reviewed and was aware -- the testimony from  
23      Dr. Fife, the head epidemiologist at Johnson & Johnson, I  
24      asked him, if Dr. Seeger was unblinded to fluoroquinolone  
25      use would that be a problem. At the bottom of the slide,

1       this was his testimony, the head and author of the article:

2               And it would be an error so grave that it would  
3       discount the results of the study? Talking about blinding.  
4       What does Dr. Fife say?

5               Yes, it would be an error so great that it would  
6       discount the results of this study. Yes, if the blind was  
7       broken and the review of these charts, these abstracts for  
8       case or noncase status was done with the exposure status  
9       known, this would be a major problem in the study.

10              This alone should discount --

11              THE COURT: Is it possible, Mr. Saul, that  
12       because of the destruction of this underlying data it may  
13       be more essential to have Mr. Seeger here to offer  
14       testimony about what was done?

15              MR. SAUL: Your Honor, I actually offered to the  
16       defendants that I would, because of the confusion between  
17       the science and the facts, I would withdraw my motion if  
18       they would produce in the case in chief Dr. Seeger so we  
19       could examine him in the case in chief, and they refused.

20              With that, if you order him to come, I withdraw  
21       my motion.

22              THE COURT: Go ahead.

23              MR. SAUL: Dr. Layde, their expert witness on  
24       blinding, he is an epidemiologist as well. Ideally that  
25       investigation should have been completely unaware of

1       whether a patient had been exposed to fluoroquinolones when  
2       judging whether an Achilles tendon rupture had occurred.

3               Quote after quote. I think you need blinding  
4       because that's something which blinding would have been  
5       preferable because that's the kind of convention in  
6       epidemiological studies. It's good practice to have  
7       blinding.

8               He's talking about good epidemiological. Should  
9       I continue, or have you made a decision?

10              THE COURT: No, I haven't made a decision because  
11       I haven't heard the other side yet so --

12              MR. SAUL: I tried. Excuse me.

13              MR. DAMES: Couple minutes again.

14              MR. SAUL: All right. Again, the *Daubert*  
15       criteria, there were 16 studies before this case that they  
16       all found an increased risk of -- excuse me. Sorry --  
17       increased risk. 16 studies have found an association  
18       between fluoroquinolone exposure and an increase in the  
19       risk of tendon rupture or tendinopathy.

20              The Ingenix study was the only study to find that  
21       there was no increased risk of tendon rupture with exposure  
22       to fluoroquinolones. Again, it is not generally accepted  
23       in the scientific community.

24              To recap, Johnson & Johnson funded. The Ingenix  
25       study was fundamentally flawed. There are other issues I



1       need to address. The study was fundamentally flawed in a  
2       number of other ways. If you will recall, Your Honor, we  
3       discussed that the elderly were unrepresented,  
4       underrepresented. Pardon me for one minute.

5               As you recall at the last hearing, Your Honor,  
6       there were approximately 2 or 3 percent of Medicare  
7       patients initially included in the, in the first submission  
8       of the article to the European authorities. The European  
9       authorities said, it's underrepresented. There were about  
10      3 percent in the study. There were 16 percent in the  
11      general population.

12             So they went back. They got caught. They got  
13      caught because they were supposed to be studying the  
14      elderly. They got caught. They had to go back and put  
15      them in. They had it the whole time. They could have put  
16      them in initially.

17             They included children. It's contraindicated in  
18      children. For this reason alone, another reason alone that  
19      Dr. Seeger should be precluded from testifying. They  
20      exclude tears. If you go, Your Honor, to the next page, it  
21      says rupture and tear. I would like to read the definition  
22      from Stedman's Medical Dictionary defining rupture as a  
23      tear.

24             Forcible tearing or disruption of tissue, that's  
25      a rupture. It's not a complete tear. Mayo Clinic defining

1 Achilles tendon rupture: If you overstretch your Achilles  
2 tendon, it can tear (rupture). The definition for a  
3 rupture includes tear.

4 Dr. Seeger in this study, although he called it  
5 Achilles tendon rupture and its association with  
6 fluoroquinolone antibiotics, he excluded everybody with a  
7 tear. He didn't even include them. He said those are not  
8 ruptures because, because he wanted to exclude them  
9 because -- for obvious reasons.

10 The next thing he did was, he excluded booting.  
11 What a boot is, there is different ways to treat an  
12 Achilles tendon rupture. You can have surgery, and you can  
13 repair it. You can cast it to repair it, or you can put  
14 what is called a cam boot. It's a big, usually blue boot  
15 with Velcro, and it keeps the leg stabilized.

16 As you get older, the risk of surgery becomes  
17 greater, and generally the elderly do not, they don't have  
18 surgery. They have casting or booting. Dr. Seeger did not  
19 know what a boot was. He didn't know what a cam boot was,  
20 and he was the one deciding whether or not those included  
21 in the study had a, had a rupture. He had no idea what a  
22 cam boot was.

23 I could read the testimony to you, but I asked  
24 him over and over. I don't know what a boot is. I don't  
25 know what a cam boot is. I don't know if it was included

1 in the study. I don't know what the -- he had, he had no  
2 idea what a boot was.

3 So this group of elderly patients, they were, the  
4 tears were excluded. The boots were excluded, and these  
5 were the elderly. There was a, there was a system to  
6 systematically exclude the group that they were attempting  
7 to study.

8 It appears, Your Honor, that I am done. Thank  
9 you, Your Honor.

10 THE COURT: Thank you, Mr. Saul.

11 Mr. Robinson?

12 MR. ROBINSON: Good afternoon, Your Honor. May  
13 it please the Court. Bill Robinson for the defendants, and  
14 I will respond to the motion to exclude in whole the  
15 testimony of Dr. Seeger.

16 As the Court is well aware, Dr. Seeger was the  
17 principal investigator of the Ingenix epidemiology study on  
18 Achilles tendon ruptures and fluoroquinolones and other  
19 risk factors, including -- one of the fluoroquinolones  
20 obviously was the drug at issue in this case, levofloxacin.

21 This was, this is, Your Honor, the only study on  
22 the subject conducted in the United States, in the United  
23 States population, and in the only healthcare database with  
24 enough subjects at the time to study what is a very rare  
25 adverse event.

1           The study in terms of the incidence of Achilles  
2   tendon rupture, findings were very much in conformity with  
3   other findings from other studies in Europe. The rate of  
4   Achilles tendon rupture, whether you're taking any drug or  
5   fluoroquinolone or not, is approximately one case per  
6   10,000 person years, one case per 10,000 person years.

7           The Ingenix study was one of two studies that  
8   looked at the risk of Achilles tendon ruptures with  
9   fluoroquinolones, and it is the only study published or  
10   unpublished to look at the question of levofloxacin risk  
11   and Achilles tendon rupture with fluoroquinolones.

12           Dr. Seeger, the principal investigator of this  
13   study, holds dual PhDs in pharmacy and  
14   pharmacoepidemiology, and he is imminently well-qualified  
15   to have been the principal investigator of this study.

16           THE COURT: The defense is intending to call,  
17   it's Dr. Seeger, right?

18           MR. ROBINSON: Dr. Seeger, yes, we are, Your  
19   Honor, in our case. I would also point out, Your Honor, in  
20   terms of the testimony of Dr. Seeger, he was deposed for  
21   four days, generating over a thousand pages of testimony,  
22   and the plaintiffs have designated significant portions of  
23   his testimony to be included in their case in chief.

24           We don't feel it's necessary to produce him as  
25   part of their case in chief, but he will be called to

1       testify both as a fact witness and as an expert witness in  
2       the defense case. We will offer Dr. Seeger, Your Honor, to  
3       testify obviously about the facts of this study.

4               We will also offer his testimony in the area of  
5       opinions, and often the factual opinion area is not so well  
6       defined, as the Court knows, on the design of the study and  
7       why it was so designed, why was the study limited to  
8       Achilles tendon ruptures, and he can answer that question  
9       for the Court and the jury.

10              He will also talk about the methodologies used in  
11       the conduct of the study and why the methodologies were  
12       appropriate, scientifically accepted epidemiological  
13       principles. He will also talk about the findings and  
14       conclusions of the study following the data analysis.

15              The plaintiffs make continued reference to a  
16       charge that this study was somehow high-jacked from Aventis  
17       doing a study in Europe and taken over to prove a specific  
18       point with data here in the United States. Aventis was  
19       doing their own studies in Europe. Those studies were  
20       never published. The issue of that will be for another  
21       day.

22              One of the documents that you were shown, Your  
23       Honor, at the punitive damage hearing was a July 24, 2001,  
24       set of notes from Dr. Jim Kahn who had attended a meeting  
25       of the partners. One of the comments on that note was, we

1       need to do the correct epidemiology study ourselves.

2               So as early as July of 2001, Johnson & Johnson  
3       was looking at the possibility of doing a study for the  
4       United States population here in this country using a U. S.  
5       healthcare database.

6               The first protocol from Ingenix from Dr. Seeger  
7       is dated December 17, 2001. This wasn't a late development  
8       in response to something going on in Europe. It was in  
9       fact a study originated because of a perceived necessity  
10      which the Johnson & Johnson witnesses can describe to you.

11              The issues that the plaintiffs have raised in  
12      their motion really don't question the basic scientific  
13      methodologies that were employed here. That is, they don't  
14      question that it's totally proper to use a case control  
15      study. This was a nested case control study, to use a  
16      medical chart review to build an algorithm for final case  
17      selection and to use the database that we used.

18              Those are, those are basic principles of  
19      epidemiology. Those were followed here, and they are not  
20      questioned. The questions they take issue with are issues  
21      related to the factual underpinnings of this study and the  
22      way certain aspects of the study were conducted.

23              For example, they assert there were not enough  
24      elderly people in the population. We've responded to that  
25      in our papers. There clearly were. There were significant

1 number of cases over age 60 at the conclusion of the study,  
2 and the confidence intervals around the findings for the  
3 elderly were very tight, meaning strong findings.

4           They assert that we improperly included children  
5 in the study. Dr. Seeger's response to this is, yes, some  
6 doctors do prescribe Levaquin for children, even though  
7 it's an off label use, but why would you exclude them from  
8 a study if they're already in the database. And  
9 coincidentally, there were no cases of children who had an  
10 Achilles tendon rupture in this study, none.

11           They also take issue with this lack of blinding,  
12 the fact that the study was allegedly underpowered, the  
13 fact that the algorithm was perhaps improperly applied and  
14 so forth. I think, Your Honor, in order to understand the  
15 issue about the blinding and the loss of the abstraction  
16 forms, I need to talk to you a little bit about how the  
17 study was done procedurally because it is important, and  
18 the importance is, the abstraction forms were not used for  
19 the final case selection process. They were used only at a  
20 preliminary stage.

21           The case is a case control study. That means  
22 simply that you look for cases. Well, what are the cases?  
23 The cases you want to find under this study design are  
24 people who have an Achilles tendon rupture. You're not  
25 looking at exposure at this point to any drug, trauma or

1 anything else. You want to know, well, who is the case?

2 The way they did this in the healthcare database  
3 is, they started with a very broad definition. They used  
4 what is called an ICD code 9, International Classification  
5 of Disease code for Achilles tendon rupture, and there is a  
6 specific code for Achilles tendon rupture.

7 They added to that certain procedural codes,  
8 surgical procedural codes, casting codes and other kind of  
9 codes. So the initial question was, if you have -- in this  
10 database they have, they have millions, eight million  
11 people in this database or more, perhaps. You look for  
12 those codes, any of those codes. If you have any of those  
13 codes, then you drop down as a potential case.

14 Well, because they included casting, they had  
15 thousands, I think 20,000 or 30,000 potential cases.  
16 That's way too much to work with. What Dr. Seeger did then  
17 is, he excluded the cases that only had a casting code,  
18 nothing else. If you only had a casting code, you got  
19 excluded at this stage.

20 It gets put back in later as I will explain, but  
21 at this stage, you exclude the casting codes. When you do  
22 that, you wound up with a population of 1748 potential  
23 cases. Now, at this point, Dr. Seeger is ready to begin  
24 his medical records review, so he has trained medical  
25 abstractors.



1           And what they did is, they took a random sample,  
2   total random sample of 411 people out of the 1748. They  
3   sent these trained abstractors with this abstraction form  
4   that's been provided to you to the medical records offices,  
5   the doctors, maybe it's a surgical facility, wherever they  
6   could get the records.

7           The abstractors filled in the forms, brought  
8   those back, and were instructed to attach certain types of  
9   medical charts, MRI reports, things like that. Those came  
10  back to Dr. Seeger. They didn't get all 411. They got 328  
11  of those back. So when Dr. Seeger got those back, he asked  
12  the question, did the medical facility or doctor make a  
13  diagnosis of Achilles tendon rupture in this case?

14          So we have 328 cases, and now he is going to look  
15  at the medical records. He testified that he looked at the  
16  first five to ten abstraction forms which were attached to  
17  the medical records and that he very clearly testified, in  
18  this stage of the process I did not need to continue to  
19  look at the abstraction forms. I had the information I  
20  needed in the medical chart itself, the medical record. So  
21  he looked at those.

22          Further and importantly, Dr. Seeger wasn't making  
23  a diagnosis, as is charged in the plaintiffs' papers.  
24  Dr. Seeger was simply looking to see if the doctor or  
25  medical facility, if they had made a diagnosis of Achilles

1 tendon rupture, and therefore, if they did, he would count  
2 that as a case. That's the process he went through.

3 Now, Your Honor, if -- you were provided a copy  
4 of the abstraction form by Mr. Saul. If you would turn to  
5 page 55 of that abstraction form. This is the page that is  
6 at issue in some of the questions in the case. If Your  
7 Honor will notice under the top question number five, item  
8 number G, it says fluoroquinolone use. For those  
9 patients -- strike that.

10 Before Dr. Seeger received these files, and when  
11 he received a file, these 328, he got the abstraction form  
12 completed and the medical record and a file folder. That's  
13 what his testimony was. Before he got those, someone would  
14 have gone through and taken out personal information and  
15 would have blacked out this item G.

16 If in fact, if one or more or how many ever of  
17 those 328 had used fluoroquinolones before they had a  
18 tendon rupture, that would have been redacted or blacked  
19 out. So he would have known that that person used a  
20 fluoroquinolone. He would not have known that that person,  
21 which fluoroquinolone that person used, and that's an  
22 important distinction.

23 As I commented earlier, Dr. Seeger said he really  
24 looked at only five or ten of these on the first pass to  
25 pick out true Achilles tendon rupture cases. Now, this is

1       also the document that presumably Dr. Fife talked about,  
2       and I want to make one thing perfectly clear. I don't know  
3       what Dr. Fife, what document Dr. Fife was referring to in  
4       his deposition testimony, and I made that clear on the  
5       record.

6               But the assertion that either Dr. Fife or the  
7       defense counsel in this case have completed abstraction  
8       forms from Dr. Seeger's study is totally not true. We  
9       never had them, and we never did have them, and I could not  
10      have shown Dr. Fife a completed abstraction form. And I  
11      made that statement on the record at the time of Dr. Fife's  
12      deposition that we did not have those abstraction forms.  
13      That's, that's on the record, and I say that to you as an  
14      officer of the Court.

15             If we had those abstractions forms, I would have  
16      gladly given them to the plaintiffs' counsel, and it would  
17      have probably saved everyone in this case a lot of trees in  
18      terms of paperwork on this issue. Following Dr. Seeger's  
19      review of the 328 cases, when he did his review, he found  
20      that 190 of them or 58 percent had a true diagnosis of  
21      Achilles tendon rupture.

22             So these were random sample cases that had been  
23      indicated by coding that they were Achilles tendon rupture  
24      cases, but when he went through them, he found only 58  
25      percent were true Achilles tendon rupture cases. Why was

1 he doing this medical chart review to start with? He was  
2 doing it to find out, first of all, to select the true  
3 cases of Achilles tendon rupture.

4 And what was the purpose of that? The purpose of  
5 that was to use those cases, those 190 cases, to determine  
6 what is it, what are the best discriminators, what makes in  
7 the medical chart that we're going to look at with this  
8 algorithm, what makes a true Achilles tendon rupture case a  
9 case versus a case that has been misdiagnosed or ruled out  
10 case or something else.

11 That's why he was reviewing the medical charts.  
12 From that review, they built the algorithm, and the  
13 algorithm, I can show Your Honor a copy, but I don't want  
14 to take up too much more time here. The algorithm was used  
15 for the final case selection for the study. The algorithm  
16 is totally blinded to exposure status, meaning any use of  
17 any drug. It has absolutely nothing in it about any drug  
18 use, and it is not done by a human. It's run by a computer  
19 program.

20 So the cases of Achilles tendon rupture that were  
21 used to, in the final data analysis in this study were  
22 selected by this discrimination tree or algorithm totally  
23 clear of fluoroquinolone exposure and totally clear of  
24 exposure to any particular fluoroquinolone.

25 Now, after the algorithm does its job, that's

1       when the pharmacy records with the exposure come into play.  
2       At that point, Dr. Seeger gets the pharmacy records, plugs  
3       them into the data, and then you start looking at, okay,  
4       for these people who had tendon ruptures, and I will  
5       interrupt myself, Your Honor, to say, the algorithm was  
6       applied to the entire 1748 population, the original  
7       population.

8               When Dr. Seeger did that, he wound up with 911  
9       cases of Achilles tendon rupture confirmed by the  
10      algorithm. He checked that, the validity of that  
11      algorithm, by taking those 328 cases that he had personally  
12      reviewed the medical charts on, and he ran those through  
13      the algorithm, and when he did that, yes, it's not perfect.

14             The algorithm is not perfect. It's not 100  
15      percent, but it has a 91 percent predictability, and every  
16      epidemiologist will tell you that is an extremely high  
17      predictability. This was a very good algorithm for picking  
18      Achilles tendon rupture cases, and that's the way the cases  
19      were selected.

20             So the final case selection was not related in  
21      any way to this blinding of the item G number 5 on page 55.  
22      That was at a preliminary stage. The addition of the 36  
23      elderly patients from the Medicare database brought the  
24      total case selection for purposes of the study to 947  
25      cases. Those were compared to controls, and the data was

1 run, and the results were generated.

2 In terms of the power calculations of the study,  
3 I won't spend much time on that, but Dr. Seeger clearly  
4 testified that power calculations are done before you start  
5 a study. At the conclusion of the study, you look at the  
6 confidence intervals of your point estimates to determine  
7 how strong your study is.

8 If you have tight confidence intervals, you have  
9 a good strong study. If the confidence intervals are wide,  
10 you have less reliance on your point estimates, and the  
11 critical point estimates in this study, the point estimates  
12 on fluoroquinolone exposure and the point estimates on  
13 specific fluoroquinolone exposures are all very tight point  
14 estimates.

15 Now, the study was published in  
16 Pharmacoepidemiology and Drug Safety in 2006. Dr. Walker  
17 and Dr. Fife hold positions in that organization, and I  
18 think Dr. Walker also does hold a position on one of the  
19 boards of the organization.

20 Your Honor, the record is absolutely clear here  
21 that there is no evidence that any undue influence on the  
22 publication of this study was exerted by Dr. Seeger,  
23 Dr. Walker or Dr. Fife. It was rejected by some journals,  
24 and the one I recall the journal did not reject it because  
25 of any problems with the scientific methodology or the

1 conclusions of the study. They had a note that said, we  
2 think this is more appropriately placed in a specialty  
3 journal as opposed to a general medical journal.

4 In terms of the destruction by Dr. Seeger or the  
5 failure to keep by Dr. Seeger of the abstraction forms,  
6 Mr. Saul points out that the first case in this court was  
7 filed in September of 2006, and the abstraction forms were  
8 lost or not saved in the office move in October of '06.  
9 There is no testimony or indication on record or any  
10 evidence that Dr. Seeger had any knowledge whatsoever of  
11 any litigation related to this matter at that time.

12 The first time I contacted Dr. Seeger was in late  
13 2008. He did not destroy these abstraction forms with any  
14 knowledge of any litigation pending. I would further point  
15 out, Your Honor, that this study was done independent of  
16 litigation in the beginning. There was no litigation  
17 pending when this study was done. Litigation was not a  
18 motive for this study in any way, shape or form.

19 I will conclude, Your Honor, by saying it's clear  
20 there is going to be a lot of debate about the validity of  
21 the Ingenix study and about the validity of the findings of  
22 the Ingenix study, and plaintiffs' experts have made  
23 charges along the lines you have heard here today.

24 Needless to say, we have responses to all those  
25 charges. The charges that are made don't go to the

1 methodology or credibility of the methodology of the  
2 studies. They do not rise to the level of a *Daubert*  
3 exclusion. They perhaps present jury issues on various  
4 aspects of this study in terms of the factual background  
5 for this study and whether some of the issues, like elderly  
6 people and children, would raise any questions about the  
7 findings of this study.

8 Those are questions for the jury. They are not  
9 matters for *Daubert* exclusion. Thank you very much, Your  
10 Honor.

11 THE COURT: Thank you, Mr. Robinson. Let's take  
12 a five-minute break.

13 THE CLERK: All rise.

14 **(Recess taken.)**

15

16 **(In open court.)**

17 THE COURT: You may be seated. Okay. What's  
18 next? We can go until about 4:45 is when we have to quit  
19 today, so what's next?

20 MR. SAUL: I think that Ron is going to use the  
21 Power Point this time, and I'm going to use the printed  
22 material, if I might approach.

23 THE COURT: You may proceed.

24 MR. SAUL: Thank you, Your Honor. The next  
25 motion that we have filed is a motion to exclude the



1 testimony of Dr. Peter Layde. Dr. Layde is an expert in  
2 epidemiology, and he is to opine about matters that we  
3 believe are beyond his area of expertise, as well as, there  
4 is no basis for him to opine upon the matters that he does.

5 The same criteria, *Daubert* criteria, apply  
6 equally to Dr. Layde as they did to Dr. Seeger. The third  
7 point on page one of the Power Point, I'm going to start  
8 there because I believe it's a good starting point.  
9 Dr. Layde, his testimony is essentially that there is no  
10 convincing evidence that there is an association between  
11 Levaquin and other fluoroquinolones and tendinopathies.

12 However, such testimony, going to page two is --  
13 stay at page one. Such testimony is, it's that he has no  
14 basis for, for, for that opinion. That's not an opinion,  
15 that there is no convincing evidence. He doesn't say that  
16 there is an association, or he doesn't say that there is  
17 not an association.

18 He can't say this nebulous formula that there is  
19 no convincing evidence. It's simply not an opinion, and  
20 it's not admissible under *Daubert* because it is not an  
21 opinion. You can't cross-examine him. It's confusing to  
22 the jury, and it's simply not admissible.

23 Going to page three, this is where we talk about  
24 that there is no convincing evidence. Dr. Layde expresses  
25 his opinion in terms of there being no convincing evidence

1       that levofloxacin has an increased risk of tendon rupture  
2       compared to other fluoroquinolones. This addresses an  
3       issue that is not before the jury, whether or not the  
4       scientific evidence meets an unspecified standard.

5               There is no standard that he is opining about, so  
6       how can that be admissible. Testimony about undefined  
7       standards of what constitutes convincing epidemiology --  
8       epidemiological evidence poses the risk of confusing and  
9       misleading the jury.

10              Page four of the Power Point, Dr. Layde's opinion  
11       that inferences that can be drawn from the studies examined  
12       were severely limited because most were conducted using  
13       administrative databases is inadmissible. He's wrong. The  
14       only study that he uses is the Ingenix study, and that used  
15       an administrative database, a building database, a database  
16       where doctors send in their diagnoses and they seek  
17       reimbursement.

18              He cites five or six. Going to page five, these  
19       are the studies that he says do not have, that are  
20       administrative databases and they're unreliable. He is  
21       wrong about each and every one. When questioned he said he  
22       did not know. He has never seen the databases. He has  
23       never used the databases.

24              He went to the web site of the databases, and he  
25       drew his opinion from that. That surely does not rise to

1 scientific, what is required for admissibility of  
2 scientific evidence.

3 The first just to run briefly through it,  
4 Van der Linden. There are medical records that were  
5 reviewed. There is medical records in the database that he  
6 used. In number 2, the Van der Linden fluoroquinolone and  
7 risk of Achilles tendon disorders, the United Kingdom  
8 MediPlus IMS Health database has medical records. It's a  
9 complete medical chart.

10 I'm not going to go through each one of them, but  
11 the seven studies that he cites all have used medical  
12 records, not databases. The only database that is used is  
13 the case that he relies upon. It is simply inadmissible.  
14 We covered this rather thoroughly in our brief, and I'll  
15 rely upon our brief.

16 The third and probably the most important part of  
17 Dr. Layde's testimony which needs to be excluded is that  
18 Layde's opinion that data on ofloxacin cannot be applied to  
19 levofloxacin is inadmissible. Dr. Layde said, just to  
20 refresh the Court's memory, this is slide number 6, that  
21 ofloxacin was the predecessor to levofloxacin.

22 Johnson & Johnson bought the rights to  
23 levofloxacin, which was basically a racemate, if I'm  
24 pronouncing that correctly, of ofloxacin. In other words,  
25 the molecule was reversed, and 50 percent of Levaquin is in

1 ofloxacin. Dr. Layde opines as an epidemiologist that you  
2 cannot use the data from ofloxacin to draw conclusions  
3 about levofloxacin. It's just simply wrong, and that will  
4 be addressed in other presentations today.

5 Dr. Layde is not a toxicologist. He's not a  
6 pharmacologist. He's not a biostatistician. He's not a  
7 chemist. He disclaims expertise in all of these  
8 disciplines. Yet, he opines for, if we go to the next  
9 page, yet he opines that you can use such -- you can't use  
10 such data because in some, in some molecules, the data is  
11 not transferable.

12 He says nothing about Levaquin. He knows nothing  
13 about Levaquin. He has never studied Levaquin. He has  
14 never looked at Levaquin. In fact, on page seven, I have a  
15 list of questions that I asked him. Did Dr. Layde know  
16 whether Levaquin was contraindicated in patients under 18?  
17 No.

18 Dr. Layde is considered an expert in the side  
19 effects of ofloxacin and levofloxacin but had only a vague  
20 familiarity with their adverse side effects and could not  
21 point to a single difference between them. Yet, he says  
22 you can't use one to look at the other. He can't point to  
23 a difference or something similar between the two.

24 He could not name a particular bacteria that  
25 ofloxacin would be used to kill. The same goes for

1       Levaquin. He could not name the indications for Levaquin,  
2       other than respiratory tract infections. He did not know  
3       whether levofloxacin and ofloxacin had different  
4       therapeutic effects and side effects.

5               But yet he is opining that you can't use one from  
6       another. He's not a toxicologist, and this is a  
7       toxicological issue, not from an epidemiologist, and it  
8       clearly should be excluded. Dr. Layde has no opinion, here  
9       is another, he has no opinion as to whether or not  
10      ofloxacin exposure causes an increased risk of tendon  
11      rupture or tendinopathy.

12             He has no opinion. How is he here to express an  
13      opinion when he has no opinion? That is the opinion he's  
14      going to express, that there is no conclusive evidence. I  
15      have no opinion. I just don't understand his opinion  
16      because he doesn't have one.

17             Back to that, the issue of ofloxacin and  
18      levofloxacin, could you use ofloxacin to define what occurs  
19      in levofloxacin. If you go to page eight, Dr. Layde says,  
20      it's not a reasonable assumption that epidemiologic data on  
21      ofloxacin can be applied to levofloxacin because many drugs  
22      that are enantiomers have different therapeutic effects and  
23      side effects from their mirror image compounds or from the  
24      racemic mixture.

25             So then the next thing he confuses, that that

1 applies that to Levaquin with no -- ofloxacin to Levaquin,  
2 with absolutely no basis whatsoever to make that opinion.  
3 That opinion must be excluded, but from plaintiffs'  
4 standpoint, we have substantial evidence that you can use  
5 the data from ofloxacin for levofloxacin.

6 Our experts, Dr. Smith and Dr. Zizic, document  
7 the premise with evidence ranging from published studies to  
8 defendants' own statements to the FDA in their new drug  
9 applications that you can use one for the other. I believe  
10 our brief is clear on the issues for Dr. Layde, and with  
11 that I would rest. Thank you.

12 THE COURT: Thank you, Mr. Saul.

13 Mr. Robinson?

14 MR. ROBINSON: May it please the Court, Your  
15 Honor. Dr. Layde is a qualified epidemiologist. He holds  
16 his degree from the Fleming School of Public Health. He  
17 has a master's, I believe, in epidemiology. His  
18 qualifications are set forth I believe in our papers.

19 Dr. Layde had no involvement in any of these  
20 epidemiological studies personally. We asked him to work  
21 with us as an expert witness to examine all of the studies,  
22 the published epidemiological studies on fluoroquinolones.  
23 He looked at the three published studies by the Dutch  
24 investigator Dr. Van der Linden, the two unpublished  
25 studies by Aventis and also the Ingenix study.

1           He will offer opinions about the methodologies  
2       used in those studies and some of the inherent problems  
3       with the methodologies used in those studies, given the  
4       particular databases and the methods that were used to  
5       search those databases. He will also offer opinions as to  
6       what conclusions can be validly drawn about the risk of  
7       tendon disorders from fluoroquinolone use and from specific  
8       drug use for each of those studies, and the same question  
9       for tendon rupture and Achilles tendon rupture.

10           In his report and in his testimony, he has  
11       explained his opinions and the factual basis of those  
12       opinions. Now, the plaintiffs first indicate that he  
13       should not be permitted to testify because he applied a no  
14       convincing evidence standard. He did not apply a no  
15       convincing evidence standard.

16           His testimony was that based on his review of the  
17       epidemiology and his education, experience and background,  
18       there was no convincing evidence of an increased risk of  
19       levofloxacin compared to other fluoroquinolones, and that  
20       opinion he held to a reasonable scientific certainty. That  
21       is the standard.

22           THE COURT: He's not intending to offer any legal  
23       conclusions, is he?

24           MR. ROBINSON: I'm sorry, Your Honor?

25           THE COURT: He's not intending to offer any legal

1 conclusions, is he?

2 MR. ROBINSON: No, Your Honor.

3 THE COURT: Okay.

4 MR. ROBINSON: He will offer an opinion as to his  
5 review of the studies, and we asked him the question, are  
6 any of these studies valid in predicting an increased risk  
7 of levofloxacin compared to other fluoroquinolones, and his  
8 response was, no, there is no convincing evidence of that  
9 in these studies, and that's essentially what he says in  
10 his report and in his testimony.

11 Now, the other point about the use, the statement  
12 about comparisons of epidemiological data on ofloxacin and  
13 levofloxacin. Of course, he is not a toxicologist or a  
14 medical doctor. He is a medical doctor, but he is not a  
15 toxicologist. He is not testifying as a toxicologist in  
16 this case. He is testifying as an epidemiologist.

17 His testimony is simply that from an  
18 epidemiological perspective, one cannot apply an isomer,  
19 data from a racemic like Levaquin with an L isomer and an R  
20 isomer in epidemiology studies to a drug which is only one  
21 isomer of the racemic mixture.

22 Now, the plaintiffs take issue with that, and  
23 they say, well, no, that's not true. You can do that from  
24 a toxicological perspective, but Dr. Layde is testifying as  
25 an epidemiologist looking at the way you conduct



1 epidemiology studies. These are two separate and distinct  
2 drugs. They have different therapeutic effects, and they  
3 have different side effects, and that's the way you have to  
4 look at it.

5 That's the basis of his statement, and he in his  
6 deposition explained the basis of that statement. So I  
7 find the challenges to Dr. Layde, quite frankly, to be just  
8 disagreements about his interpretation of the European data  
9 and a disagreement about whether one drug can be  
10 substituted for another drug in reaching epidemiological  
11 conclusions.

12 I don't think those are *Daubert* issues. Those  
13 are jury issues. Thank you, Your Honor.

14 THE COURT: Thank you, Mr. Robinson.

15 Yes, Mr. Saul.

16 MR. SAUL: Just one quick comment, Your Honor.  
17 Dr. Layde bases his entire opinion upon seven  
18 epidemiological studies, all of which he does not, he does  
19 not -- he misinterprets the databases. He bases them on  
20 that there are no medical records in these studies. It's  
21 wrong. It's in our brief.

22 The underlying data that he relies upon is wrong.  
23 The only other data that he relies upon is the Ingenix  
24 study, and we covered that. If that's excluded, then his  
25 opinion obviously must be excluded upon that. Thank you.

1 THE COURT: Thank you, Mr. Saul.

2 Okay. Which one is next? Defense motions?

3 MR. DAMES: I guess it's Dr. Smith and Dr. Zizic,  
4 Your Honor.

5 THE COURT: Go ahead, Mr. Dames.

6 MR. DAMES: Thank you, Your Honor. I think I  
7 will do this by focusing in the beginning on Dr. Smith.  
8 Some of the points that I make challenging Dr. Smith's  
9 opinions will clearly be applicable to Dr. Zizic.

10 Now, Dr. Smith is a toxicologist who has, whose  
11 basic opinion, the opinions that we challenge are that he  
12 believes that the, there is evidence to suggest and support  
13 that Levaquin is more tendon toxic than other  
14 fluoroquinolones.

15 Now, I want to clarify the standard because to  
16 some extent because in plaintiffs' responsive brief to our  
17 challenge, they suggest that the Court is required to  
18 resolve all doubts in favor of admissibility, and I just  
19 want to up front state that I believe that to be in  
20 flagrant error.

21 That is not the *Daubert* standard. The Court is  
22 not required to resolve all doubts in favor of  
23 admissibility, but in fact that contradicts the Court's  
24 gatekeeping function, it seems to me.

25 Now, there is an interesting starting point for

1       this analysis about the alleged increased tendon toxicity  
2       of Levaquin. We have argued at length in the course of  
3       this litigation as to the paucity of evidence that supports  
4       that proposition.

5               And in the testimony of both Dr. Smith and  
6       Dr. Zizic, the starting point is there is, they admit in  
7       their testimony, that it is known -- and I'm going to read  
8       what my notes are because it's startling when you think  
9       about it point by point.

10              There is no human study directly comparing and  
11       finding increased tendon toxicity with levofloxacin. So we  
12       start that there is no direct evidence supporting the  
13       proposition that levofloxacin is any more tendon toxic than  
14       any other fluoroquinolone. The other point that is made in  
15       the depositions of both is their conclusion, frankly, I  
16       will argue that unsupported, is that Levaquin is more  
17       tendon toxic than Cipro.

18              Now, the reason or the way, the method by which  
19       they get to conclude that Levaquin is more tendon toxic,  
20       even though there is no human evidence directly measuring  
21       and comparing it, is to suggest that there is animal work  
22       which supports the proposition that levofloxacin is more  
23       tendon toxin in juvenile animals and that you can predict  
24       from juvenile animals to, I assume, adult animals but  
25       certainly to human adults that those animal studies would

1 be directly predictive to the experience you would expect  
2 to find in humans.

3 Now, the Dean, frankly, I guess I'm anointing him  
4 the Dean, but probably the most significantly cited  
5 toxicologist who has studied fluoroquinolones in the world  
6 today is a man by the name of Ralph Stahlmann. His work is  
7 probably the touchstone of many of the other toxicologists'  
8 work on the toxicity of fluoroquinolones.

9 It is his theory, in fact, on the magnesium  
10 deficiency, which he has labeled in his papers a theory.  
11 It is that theory that has created what plaintiffs'  
12 experts, and I assume many of the researchers in the field,  
13 to be a starting point for articulating why  
14 fluoroquinolones might cause damage to tendons.

15 He specifically, and this is one of the articles  
16 that has been cited by both Dr. Zizic and by Dr. Smith.  
17 Dr. Stahlmann concludes, little is known about the effects  
18 of magnesium deficiency of human articular cartilage.  
19 Therefore, these forms of arthropathy in magnesium  
20 deficient humans differ from those observed in magnesium  
21 deficient rats because systematic data on the magnesium and  
22 calcium content in human joint hyaline cartilage during the  
23 period of postnatal development are lacking.

24 Our data in rats cannot be scaled directly to the  
25 human situation, and the extrapolation to man of the

1 critical development phase observed in rats is difficult.  
2 This statement about the difficulty of predicting the  
3 results of the animal data to human adults is a repetitive  
4 refrain. We have cited it from several different papers in  
5 our brief.

6 And it's, frankly, I think if you had to get a  
7 consensus of opinion based on the papers cited by both  
8 Dr. Smith and Dr. Zizic, there would be an agreement that  
9 we don't know the precise mechanism of action as to any  
10 fluoroquinolone toxicity in tendons. We can't explain it.  
11 We have a theory.

12 That theory has not been adequately tested to  
13 confirm it, and we also cannot, certainly cannot adequately  
14 explain any relative toxicity among the fluoroquinolones  
15 based on the animal work that we have done.

16 THE COURT: Are you arguing, Mr. Dames, that  
17 Smith and Zizic are using animal studies exclusively or as  
18 part of a larger framework of looking at various studies,  
19 the animal studies part of it is inappropriate to rely  
20 upon.

21 MR. DAMES: By definition that's a good question,  
22 but it is an interesting question. They rely predominantly  
23 on animal work. There are references to some anecdotal  
24 reports in the medical literature, which, quite frankly,  
25 are equally deficient in being able to detect differences

1 in toxicity or different rates of tendon toxicity.

2 Anecdotal reports don't get you there. They  
3 can't give you incidence figures. Comparing populations,  
4 they don't do that, and they cannot do it even if they  
5 purported to. They go from animal work. They also cite  
6 work done on human tendon cells, in vitro work.

7 So I would say a fair reading of their  
8 depositions and their opinions and their reports is that  
9 the predominant focus of their reports are the animal work.  
10 There is focus on, some focus on human tendon cell studies,  
11 and then there is additionally some examination of papers,  
12 published papers, which are in fact case reports or  
13 compilations of case reports.

14 So each segment by itself is too weak to sustain  
15 an opinion. I don't think the addition of those different  
16 segments adds anything to them. It only underscores, I  
17 believe, the weaknesses or the failure to measure directly  
18 any different effects in Levaquin.

19 I asked, and I think I asked both, about whether  
20 there was a direct head-to-head comparison anywhere between  
21 ciprofloxacin and Levaquin, and the only answer I got, and  
22 this was an answer that I received -- actually both of them  
23 had to admit this, was a study, and this was another Ralph  
24 Stahlmann study, Synergistic Effects of Dexamethasone and  
25 Quinolones on Human-Derived Tendon Cells.

1           Dr. Smith referred to it as the only head-to-head  
2       comparison between ciprofloxacin and levofloxacin that he  
3       knew of. The problem with this study was that it found  
4       Cipro to be more toxic than Levaquin, and I don't see how  
5       one can use the results that establish the exact opposite  
6       of your proposition as support for your proposition.

7           I'm not suggesting that it is evidence of the  
8       opposite, but it is certain -- because an in vitro study by  
9       itself one way or the other is not going to predict human  
10      effects, but it certainly isn't supportive of it, either.  
11      Now, one of the other articles that is an attempt to  
12      support the proposition is an article by Pouzaud. I'm  
13      probably mispronouncing the French incredibly.

14           This is entitled In Vitro Discrimination of  
15      Fluoroquinolones Toxicity on Tendon Cells Involvement of  
16      Oxidative Stress. Now, this was, as the title suggests, it  
17      was an in vitro study, again used as support for their  
18      propositions by both Dr. Zizic and Dr. Smith, and in this  
19      study, the conclusions again run exactly counter to those  
20      that they suggest.

21           The two groups, they conclude, they can  
22      differentiate the two groups of fluoroquinolones based on  
23      the results they get by exposing these tendon cells to the  
24      variety of fluoroquinolones. One is intrinsic toxicity for  
25      tendon cells that are high, and those they found with

1 ciprofloxacin and pefloxacin and moderate for ofloxacin and  
2 levofloxacin.

3 And ofloxacin they found it would be at 30  
4 percent of something called redoc status, which I cannot  
5 explain to you on pain of death, and for levofloxacin at 22  
6 percent. I mentioned those numbers only to show you that  
7 there are differences between levofloxacin and ofloxacin  
8 and that the lowest of the two groups was in fact  
9 levofloxacin at the 22 percent.

10 And it says, our study indicates that intrinsic  
11 toxicity to tendon cells varies across fluoroquinolones.  
12 It is -- they add to it in their discussion section by  
13 suggesting the following: Although in vivo and in vitro  
14 studies have investigated the potential mechanisms  
15 underlying fluoroquinolone induced tendinopathy, no  
16 reproducible model has been proposed to detect and predict  
17 intrinsic fluoroquinolone tendon toxicity.

18 So it is difficult to conclude based on the sum  
19 of the animal evidence, the sum of the in vitro evidence,  
20 how that supports any differences in toxicity among the  
21 fluoroquinolones, but most importantly and conclusively,  
22 how they can testify that this supports the proposition  
23 that Levaquin is more tendon toxic than Cipro, I think that  
24 failure to support that proposition is clear based on the  
25 published work that their own experts rely upon, Your



1 Honor.

2 Now, in Dr. Smith's case specifically, and I will  
3 end specifically speaking of Dr. Smith with this point: A  
4 similar opinion about relative toxicity with drugs was  
5 in -- was denied. It was excluded in the, in the recent  
6 *Baycol* opinion that was issued in August, I think, of this  
7 year.

8 His very analysis was excluded because animal  
9 studies do not provide a scientifically, I'm quoting,  
10 reliable basis for his opinion that *Baycol* is the most  
11 toxic statin, so this template was used before, and this  
12 template was found insufficient before. I do not know the  
13 record.

14 THE COURT: Wasn't the issue there that the study  
15 itself was flawed, which is slightly different than the  
16 issue of whether animal studies can be used to predict  
17 human response?

18 MR. DAMES: I think, Your Honor, you're correct.  
19 The study itself was flawed, but in this case, I'm not, I  
20 mean, I don't even think there is any need to criticize the  
21 studies themselves. They state what they represent, and  
22 what they represent cannot support that conclusion, but  
23 thank you, Your Honor.

24 THE COURT: Thank you, Mr. Dames.

25 Mr. Goldser?

1                   MR. GOLDSER: Your Honor, Mr. Binstock is going  
2                   to do this argument, except I'm going to preempt him for a  
3                   couple minutes. You asked the question about whether there  
4                   were any human studies that were involved in the testimony  
5                   of Dr. Smith and Dr. Zizic, and certainly they're not  
6                   relying exclusively on animal studies.

7                   But what I've got to tell you is that Mr. Dames  
8                   is operating in a completely different universe about the  
9                   testimony of Dr. Smith and Dr. Zizic. What Smith and Zizic  
10                  are talking about is whether on a toxicological and  
11                  pharmacological level, you can compare Floxin and Levaquin.  
12                  That's it.

13                 To talk about a comparison between Levaquin and  
14                 Cipro, Levaquin and moxifloxacin on a toxicological and a  
15                 pharmacological level, you can do a little of that, and  
16                 certainly what they've got to offer adds to the mix. But  
17                 the predominant opinion, the predominant opinion and the  
18                 one that matters to plaintiffs more than anything else, is  
19                 can you compare Floxin with Levaquin because Johnson &  
20                 Johnson had Floxin. Johnson & Johnson has Levaquin.

21                 Johnson & Johnson had evidence that Floxin had  
22                 tendon toxicity. Johnson & Johnson should have known that  
23                 Levaquin was going to have similar tendon toxicity. How  
24                 should they have known that? Because the animal studies  
25                 tell you. What do the animal studies tell you? That

1 within rats, the comparison between Floxin and Levaquin on  
2 a tendon rupture, a cartilage arthropathy and C-max area  
3 under the curve, t-half-life, all of those toxicology  
4 measures were very similar between each other.

5 The same was true of dogs. The same was true of  
6 monkeys. What do we know about humans? We don't know from  
7 a toxicological level because you're not ethically allowed  
8 to perform those experiments to see whether you submit a  
9 human being to one or the other and see if they have tendon  
10 ruptures. That's not ethical. So you can't do those  
11 studies.

12 But what we do know about humans because these  
13 studies were done and they are part of the NDA that was  
14 submitted in 1995 or so, toxicologically Floxin and  
15 Levaquin are the same. The C-max is within one standard  
16 deviation, and Dr. Zhanel said there is no statistical  
17 difference. The area under the curve is the same. No  
18 statistical difference.

19 There are charts that can show this, and so Smith  
20 and Zizic say, I've got animals. I've got rats. I've got  
21 dogs. I have got monkeys. I have got humans. Floxin and  
22 Levaquin, they all look alike; therefore, I can say that  
23 because they all look alike at all these toxicological  
24 levels, they all look alike because the rats and the dogs  
25 and the monkeys look alike on tendons and cartilage between

1 each other, it is likely at least for purposes of doing a  
2 warning that they will look alike with regard to Levaquin.

3 And so you've got animal studies. You've got  
4 human studies. You've got the combination of the bunch,  
5 and within the confines of your decision in *St. Jude* and  
6 Judge Schiltz's decision in the *Poliski* case which was the  
7 Zicam, Cold-Eeze zinc problem and in the context of the  
8 *Viagra* decision of Judge Magnuson, all three courts allowed  
9 animal studies to be used in those contexts, and so should  
10 they here.

11 Now, I hope I haven't stolen too much of  
12 Mr. Binstock's thunder, but I will turn it over to him, and  
13 he can now run his slide presentation because I know he has  
14 got more than that, but I think he will talk about some of  
15 the details.

16 THE COURT: I'm sure Mr. Binstock has some  
17 thunder left here.

18 MR. BINSTOCK: Okay. This is our response, of  
19 course, to the motion to exclude Dr. Smith. Previously  
20 indicated, Your Honor, Martyn Smith is a PhD. He is a  
21 professor of toxicology at the University of Berkeley; PhD  
22 in biochemistry; medical school, St. Bartholomew's  
23 Hospital, London.

24 He is a full member of the Society of Toxicology,  
25 actively involved in toxicological research funded by the

1 National Institute of Health. He serves on several boards  
2 of several peer reviewed journals and publishes  
3 extensively, and he has devoted his professional career to  
4 the study of toxic effects of chemicals and drugs in the  
5 human body at a cellular level.

6 Most importantly, the defendants have not in any  
7 way, shape or form challenged his credentials in  
8 toxicology. As Mr. Goldser has indicated, Dr. Smith in  
9 this case has compared and contrasts the toxicological  
10 profiles of Levaquin, levofloxacin, and Floxin and has come  
11 up with a conclusion of their similarities.

12 Specifically, Dr. Smith has concluded in his  
13 report that the similar pharmacokinetics, toxicology  
14 profile and mechanism of action of levofloxacin and  
15 ofloxacin indicate that they can be considered one and the  
16 same for toxicological purposes and that the  
17 epidemiological observations for ofloxacin are pertinent to  
18 levofloxacin as well.

19 That is important, and we'll talk about that in a  
20 minute. There are epi studies by Van der Linden dealing  
21 with ofloxacin that clearly show that ofloxacin is more  
22 tendon toxic than the other fluoroquinolones by far,  
23 especially in the elderly and those taking concomitant  
24 steroids.

25 As we have discussed and Ron has pointed out,

1       that is clear that the ofloxacin/floxacin situation, the  
2       racemate, the mirror image, the fact that the, J & J  
3       presented information to the FDA when they did the NDA  
4       saying that they are one and the same for many purposes,  
5       the FDA making that finding, these are very similar drugs,  
6       and they are tendon toxic in the same degree.

7               And that is why it is important that they be  
8       considered the same because there is vast epidemiological  
9       evidence about the severe tendon toxicity of floxacin,  
10      which as we have indicated is the precursor to Levaquin or  
11      levofloxacin.

12             Dr. Smith's testimony is admissible because the  
13      testimony is based upon sufficient facts or data, both  
14      through the *Daubert* test and Rule 707. His testimony is  
15      the product of reliable principles and methods, and this  
16      witness has applied the principles and methodologies  
17      reliably to the facts of this case.

18             Specifically, Dr. Smith in this case has  
19      supported every premise leading to his conclusion with  
20      studies from peer reviewed scientific literature. As the  
21      Court knows, you know, in the Reference Manual on  
22      Scientific Evidence, peer review is one of the most sacred  
23      pillars of scientific evidence.

24             Additionally, a pertinent consideration is  
25      whether the theory or technique has been subject to peer

1 reviewed publication. The study is relied upon by  
2 Dr. Smith. That was citing *Daubert*, in fact are peer  
3 reviewed. As pointed out already, there is no human study  
4 that has been conducted directly comparing the toxicity of  
5 Levaquin to Floxin.

6 Why? Because you can't do it because it would be  
7 harm to humans. In the absence of human data, Dr. Smith  
8 relied on the most relevant and valid in vitro and in vivo  
9 studies available. As already discussed and is referenced  
10 in the Manual of Scientific Evidence, it's unethical often  
11 to experiment on humans by exposing them to known doses of  
12 chemical agents.

13 Animal toxicological evidence often provides the  
14 best evidence, information about the risk of a disease from  
15 a chemical exposure. I am again referring the Court to the  
16 Reference Manual on Scientific Evidence 2000.

17 Additionally, Dr. Smith has relied on over 40  
18 peer reviewed scientific studies, including human  
19 epidemiological studies, medical case reports, in addition  
20 to in vitro and in vivo studies, and clearly, Your Honor,  
21 we would say that that satisfies the sufficient data  
22 requirement of Rule 702.

23 THE COURT: If Dr. Smith were relying solely on  
24 animal studies, would his testimony be excludable?

25 MR. BINSTOCK: I think that would go to the

1 weight of the evidence versus the evidence being excluded  
2 on a *Daubert* situation, Your Honor. The toxicological  
3 research included or includes exposing animals to chemicals  
4 or drugs in vivo. These are some of the things that --  
5 there is the Reference Manual on Scientific Evidence  
6 recognizes as valid research in the toxicological field.

7 And, of course, that's important because  
8 Dr. Smith looked at in vivo studies. Exposing animal cells  
9 or tissues, including those from humans, to chemicals or  
10 drugs in vitro, same there. Case reports that monitor  
11 human patients with documented chemical or drug exposure  
12 case studies, which was also part of his analysis in  
13 comparing levofloxacin and ofloxacin.

14 Your Honor, Dr. Smith's reliance on all three  
15 types of accepted toxicological evidence we believe  
16 satisfies reliable principles and methods required of  
17 Rule 702. Specifically, the reliability of Dr. Smith's  
18 application of the principles and methods of toxicology  
19 flows from, one, his careful explanations of how each study  
20 supports the premise for which it is offered.

21 Two, the rationality and understanding of his  
22 explanations. Three, the lack of analytical gaps. Four,  
23 defendants' total failure to identify any study that fails  
24 to support Dr. Smith's conclusions. The reliability of  
25 Dr. Smith's methodology is further supported by defendants'



1 own new drug application which utilized the same types of  
2 data and arrived at the same conclusion as did Dr. Smith.

3 This is a statement from the NDA. Data from  
4 nonclinical pharmacology and toxicology studies indicate  
5 that levofloxacin has a comparable safety profile to its  
6 racemate ofloxacin.

7 Overall conclusions: Data from nonclinical  
8 pharmacology, toxicology, absorption, distribution,  
9 metabolism and excretion studies provide sufficient  
10 information to support the safety of the proposed maximum  
11 dose of 500 milligrams.

12 The data from these nonclinical studies indicate  
13 for the most part administration of levofloxacin presents a  
14 comparable profile to its racemate ofloxacin. Your Honor,  
15 we would submit that the only criticism then defendants  
16 raise to this reliability of Dr. Smith's methodology is his  
17 reliance on animal studies, which as we discussed, animal  
18 studies and the reliance on animal studies usually, at  
19 least as I have seen it, and the courts have discussed it,  
20 goes to the weight of the evidence.

21 There is some courts that say that it can be  
22 brought up on cross-examination, but it doesn't go to the  
23 depths of an exclusion under *Daubert*. In fact,  
24 Dr. Rodricks, defendants' own toxicology expert, relies  
25 heavily on animal studies, many of which were the same as

1       those relied on by Dr. Smith. Dr. Rodricks's evaluation of  
2       the studies are common to both experts and did not  
3       contradict those of Dr. Smith.

4               Clearly, Your Honor, by failing to identify any  
5       study that did not support the proposition for which it was  
6       offered, defendants' wholesale condemnation of Dr. Smith's  
7       reliance on animal studies must fail, citing *General*  
8       *Electric*. We would submit that Dr. Smith's testimony is  
9       admissible entirely pursuant to Rule 702 of the Federal  
10      Rules of Evidence.

11             I think Ron has already brought out the fact that  
12      there is three cases that deal with animal studies, all of  
13      which are from this district that indicate that, again, it  
14      is a weight of the evidence type issue, not an exclusion  
15      type issue when relying on animal studies.

16             That's all I have, Your Honor.

17             THE COURT: Go ahead.

18             MR. GOLDSER: If I may make one more comment,  
19      Your Honor, the other thing to answer the last question  
20      that you asked about whether what if Dr. Smith is relying  
21      only on animal studies. I am not sure if I have this here.  
22      There it is. 21 C.F.R. 201.56 in the version that existed  
23      as of 2006 says that you can include evidence from animal  
24      studies alone in the label.

25             You can see it's highlighted. Conclusions based

1 on animal data but necessary for safe and effective use of  
2 the drug in humans shall be identified as such and included  
3 with human data in the appropriate section of the labeling.

4 So to the extent that either Dr. Smith or  
5 Dr. Zizic is relying on animal data alone, which of course  
6 they're not, they're still entitled to talk about what that  
7 animal data shows because it's available for use in the  
8 label. The regulations say so.

9 THE COURT: Isn't there case law that casts some  
10 doubt on animal studies alone?

11 MR. GOLDSER: There is. The three cases that we  
12 have cited, yours, Judge Schiltz's and Judge Magnuson's,  
13 all rely on a U. S. Supreme Court case called *GE* that I  
14 think Mr. Binstock just mentioned, and it talks about that.

15 None of those cases have referenced this  
16 regulation. None of them talked about where animal data  
17 shows up in labels, and so at the very least, they are all  
18 distinguishable on that basis. I don't think this  
19 regulation was ever presented to any of those courts.

20 THE COURT: Thank you, Mr. Goldser.

21 Mr. Dames, did you have anything else to add?

22 MR. DAMES: Just a few concluding remarks, Your  
23 Honor. I don't think I heard any contradiction of what I  
24 told the Court concerning the state of the medical  
25 literature and the scientific research on comparative

1 tendon toxicity between levofloxacin, ciprofloxacin and for  
2 that matter -- levofloxacin. If I understand the argument  
3 correctly, and it is dangerous to try to articulate  
4 somebody else's argument, but I'll plow ahead.

5           There is a comparison made between the chemical  
6 structures of ofloxacin and levofloxacin to suggest that  
7 some of Van der Linden's studies which purport to find a  
8 higher risk to ofloxacin can be extrapolated to  
9 levofloxacin. It confuses me because the simplest way to  
10 come at a conclusion as to what are the relative toxicities  
11 of compounds are to say, they have been studied in animals,  
12 and we know from the animal work there is this relative  
13 toxicity.

14           They have been studied in humans to add to the  
15 knowledge, and we know from humans when we do a direct test  
16 showing relative toxicities, this is the result. They have  
17 been studied in human tendon cells, and there are  
18 differences in the toxicities, and we know the results.  
19 All of that is lacking. It is an inference upon an  
20 inference, and they don't use any direct measurements  
21 either from animal work, any direct measurements from human  
22 work or any head-to-head measurements, now, in human tendon  
23 cells.

24           We have come a long way on the inferences that  
25 have been built upon inferences to get to this day in

1 court, and I think it proper now to finally suggest that  
2 scientific direct evidence, even taking the articles and  
3 the literature used and relied upon by their own experts,  
4 not only fail to support them, contradict the conclusions  
5 they seek to have come out of the mouths of their experts  
6 when we come to trial in this case.

7 Thank you, Your Honor.

8 THE COURT: Okay. Very well. Thank you.

9 What is next?

10 MR. GOLDSER: Dr. Holmes, that's our motion, and  
11 Mr. Fitzgerald will argue that one.

12 THE COURT: Okay. We've got about 17 minutes.  
13 Can we do it?

14 MR. DAMES: We still have Zizic to go  
15 specifically, but --

16 THE COURT: Okay.

17 MR. DAMES: If we were going to come back for  
18 Dr. Waymack on another day --

19 THE COURT: Waymack and Holmes, right?

20 MR. DAMES: Waymack and Holmes would probably be  
21 appropriate to come back another day, Your Honor.

22 THE COURT: And do we need to address Dr. Zizic  
23 more?

24 MR. DAMES: I was just going to make a couple of  
25 comments, and it's very brief on this one, Your Honor. I

1 did not, and I should have referred to this. One of the  
2 concerns that the courts have exhibited in *Daubert* are the  
3 litigation created opinions, and I just want to suggest  
4 that both Dr. Smith, and very specifically we have inquired  
5 into with Dr. Zizic, these were individuals whose  
6 experience with tendon toxicity and Levaquin started with  
7 this litigation.

8 And Dr. Zizic, for example, spent hundreds of  
9 hours in reviewing the literature and preparing his opinion  
10 after his retention. I think that is a fact that has to  
11 weigh heavily in the analysis of the sufficiency of any  
12 opinion that might be rendered concerning relative tendon  
13 toxicities.

14 It is a huge investment in an expert who for the  
15 first time is seeking to answer the questions posed by  
16 plaintiffs' counsel.

17 THE COURT: Mr. Goldser?

18 MR. GOLDSER: At the risk of repeating myself, I  
19 will repeat myself. Much of the evidence about the  
20 comparison between Floxin and Levaquin comes out of the  
21 NDA. Mr. Binstock showed you two examples. There are  
22 many, many more where Johnson & Johnson told the FDA, these  
23 two drugs are very similar in their safety profile, in  
24 their toxicology and in their pharmacology.

25 It doesn't take a whole lot to get from their

1 admissions to a conclusion that their opinions are  
2 admissible from Johnson & Johnson's admissions to the  
3 conclusion that our experts' opinions are admissible.

4 Nevertheless, both of them did extensive  
5 scientific research to the level required of professionals  
6 in their field, unlike that of Dr. Waymack who we will  
7 criticize on probably October 21st when we come back for  
8 Dr. Blume.

9 There is no question that Smith and Zizic have  
10 done a more than adequate job of reviewing the literature.  
11 Oh, my God, the volumes of the articles that I got from  
12 both of them is enormous that they have looked at, all of  
13 which have been presented to the defendants, of course.

14 So their work is impeccable, but it boils down to  
15 a few nubs, one of the most important is which, defendant  
16 admits it. Thank you.

17 THE COURT: Anything else, Mr. Dames? Okay.  
18 Very well.

19 So shall we stop today and then return for  
20 Waymack, Holmes, which I think are the only ones left, and  
21 then of course we have Blume at the appropriate time?

22 MR. GOLDSER: Might I convince the Court to take  
23 Holmes today? Waymack and Blume are the opposite side of  
24 each other's coin, and we might do them both together on  
25 October 21st.

1 THE COURT: Okay.

2 MR. DAMES: I would rather not, Your Honor, if  
3 we're going to try to shorten it up a little bit. I mean,  
4 I don't know that -- I don't know the reason why we need to  
5 compress it today if we're going to come back.

6 THE COURT: Okay. Mr. Goldser?

7 MR. GOLDSER: You will remember that Mr. Dames  
8 wanted to shorten up the time to get Dr. Holmes done so we  
9 could get him done. We are about to face a request for an  
10 IME which we are going to oppose. There are lots of things  
11 going with Dr. Holmes, and I think it's important that we  
12 get to him.

13 We said we have got twelve more minutes, if I  
14 might take advantage of it.

15 MR. DAMES: I sort of sense a contradiction  
16 there. There is a lot of stuff with Holmes and then the  
17 twelve minutes.

18 MR. GOLDSER: There are a lot of the issues that  
19 will come together because of the Court's ruling on it.

20 THE COURT: Let's look at the calendar and see  
21 when we can come back here. Blume is not going to be ready  
22 until when? Is that, did we set a time for that? 21st?

23 MR. ROBINSON: 21st of October, Your Honor.

24 THE COURT: Okay. Is there a convenient time  
25 next week or not?



1           MR. DAMES: I thought we had the 14th set for a  
2           hearing on the IME.

3           MS. VAN STEENBURGH: We have tentatively talked  
4           about that with Holly. We were going to do it as a  
5           telephonic hearing.

6           THE COURT: Yeah. That was going to be by  
7           telephone.

8           MS. VAN STEENBURGH: I don't -- so that was --  
9           that's fine. Don't you have trial?

10          THE COURT: I have a trial every free day until  
11          we start this trial.

12          MR. DAMES: I can be here the 14th.

13          THE COURT: We probably could do that. I have a  
14          conflict in the morning. I have trial set in the  
15          afternoon, but we could do, we could probably do the end of  
16          the afternoon pretty easily at 4:30 and however long it  
17          takes because I don't have anything until I have to leave  
18          about 7:30.

19          MR. DAMES: We could combine the IME hearing.

20          MR. SAUL: What would that hearing be on the  
21          14th?

22          THE COURT: The 14th would be on the remaining  
23          motions, which would be Waymack and Holmes. The others I  
24          think you indicated you were going to submit on the papers,  
25          and then the independent medical examination question that

1 is being raised.

2 MR. GOLDSER: We would do those in person as  
3 opposed to on the telephone?

4 THE COURT: In person, yes.

5 MR. ROBINSON: Your Honor, could I please be  
6 excused on the 14th? I'm not involved in those hearings,  
7 and I have other commitments that day.

8 THE COURT: That's fine, Mr. Robinson. We'll  
9 miss you, but that's okay. We expect you will be around  
10 the following month quite a bit.

11 MR. ROBINSON: Absolutely.

12 MR. DAMES: John Winter cannot be here the 14th  
13 for Waymack, but I thought we would do the Holmes, the  
14 combined IME and the *Daubert* motion on the 14th and do  
15 Waymack and Blume together?

16 THE COURT: Well, we could. I mean, we've got  
17 Blume the following week, right?

18 MR. ROBINSON: 21st, Your Honor.

19 THE COURT: Yeah. We could do that.

20 MR. DAMES: Okay.

21 THE COURT: If that works. Okay. Let's do that.  
22 Yes, Mr. Saul?

23 MR. SAUL: And, Your Honor, we will be, we have a  
24 meet and confer on a very pressing discovery issue that we  
25 will be filing within a few days, and we would like to have

1       that heard at the same time that Dr. Holmes's motion is  
2       heard or the IME is heard.

3               THE COURT: We could do that unless you resolve  
4       it in the meet and confer.

5               MR. ROBINSON: That's a problem, Your Honor.

6               THE COURT: That's you?

7               MR. ROBINSON: That's me.

8               THE COURT: Okay. Well, we can do it on the  
9       21st, then. We will set the time available then.

10              MS. VAN STEENBURGH: So what time on the 14th?

11              THE COURT: 4:30, and then the 21st, have we set  
12       a time yet?

13              MR. ROBINSON: 12:30, Your Honor.

14              THE COURT: 12:30. Okay. I think we've got it  
15       straight. Okay. The motions that we have heard today the  
16       Court will take under advisement and will issue a written  
17       order, other than the first one which the Court ruled on  
18       from the bench.

19              So thank you for the arguments today.

20              MR. DAMES: Thank you, Your Honor.

21              MR. GOLDSER: Thank you, Your Honor.

22              THE CLERK: All rise.

23                               \*               \*               \*

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1           I, Kristine Mousseau, certify that the foregoing  
2       is a correct transcript from the record of proceedings in  
3       the above-entitled matter.

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6  
7       Certified by: s/ Kristine Mousseau, CRR-RPR  
8                               Kristine Mousseau, CRR-RPR

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